



**DAX<sup>®</sup>**

Flexible linear encoder for countless industrial applications

**MAGNETOSTRICTIVE LINEAR ENCODERS**

**SICK**  
Sensor Intelligence.



### Technical data overview

<b>Measuring length</b>	0.05 m ... 2.5 m
<b>Communication interface</b>	Analog, CANopen (depending on type)
<b>Communication Interface detail</b>	Current / Voltage (depending on type)
<b>Resolution</b>	10 µm ... 100 µm (depending on type)
<b>Connection type</b>	Male connector, M12, 5-pin Male connector, M12, 8-pin

### Product description

Linear encoders from the DAX® product family are well-suited for determining the absolute position of piston rods in hydraulic cylinders as well as linear movements in industrial plants. Thanks to the use of magnetostrictive technology, the encoder is completely wear- and maintenance-free. Individual configuration options ensure customized integration in nearly any application. Thanks to the flexible system architecture, the DAX® linear encoder enables properties such as backwards compatibility with manufacturer-specific position magnets. Other intelligent functions for condition monitoring allow for predictive maintenance, for example, and create transparency about the current machine condition. This minimizes unplanned downtime and increases efficiency.

### At a glance

- Magnetostrictive principle of operation
- Absolute position feedback
- Resolution: up to 10 µm
- Measuring lengths: 50 mm to 2,500 mm
- Available interfaces: Analog and CANopen
- Highly-flexible system architecture
- Intelligent diagnostic functions and condition monitoring
- Profile and hydraulic variants for many installation situations

### Your benefits

- Easy integration into new and existing machine designs thanks to high system flexibility, low space requirements and customizable functions, such as backward compatibility with manufacturer-specific position magnets.
- Low maintenance costs due to wear- and maintenance-free measurement principle
- Absolute measurement without reference run
- Intelligent condition monitoring enables predictive maintenance of machines
- Fail-safe operation due to undervoltage control and integrated overvoltage protection, also making them suitable for areas susceptible to voltage supplies fluctuations.

### Fields of application

- Injection molding machines
- Hydraulic presses
- Packaging machines
- Renewable energies: For example, hydropower, wind power and photovoltaic systems
- Metal and steel processing
- Wood production and processing
- Mechanical engineering
- Medical technology

## Ordering information

Other models and accessories → [www.sick.com/DAX](http://www.sick.com/DAX)

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 50 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-0050BA080000E00	1134502

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 100 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-0100BA080000E00	1134043

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 200 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Sequence of signals	Type	Part no.
-	DAXLAN-0200BA0C0000D00	1130897
Signal 1: rising, signal 2: falling	DAXLAN-0200BA080000E00	1134933
	DAXLAN-0200BA0C0000E00	1132173

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 300 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-0300BA0C0000E00	1132171

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 350 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-0350BAOC0000E00	1133242

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 400 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-0400BAOC0000E00	1132172

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 450 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-0450BAOC0000E00	1132176

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 600 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-0600BAOC0000E00	1131879

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 750 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-0750BAOC0000E00	1132175

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 800 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 0800BA080000E00	1134324

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 900 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 0900BA0C0000E00	1134963

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,000 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 1000BA0C0000E00	1133568

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,250 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 1250BA0C0000E00	1131257

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,500 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 1500BA0C0000E00	1134964

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,600 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-1600BAOC0000E00	1132924

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,700 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-1700BAOC0000E00	1133243

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,900 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-1900BAOC0000E00	1132925

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 2,200 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-2200BAOC0000E00	1134965

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 2,500 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Sequence of signals	Type	Part no.
-	DAXLAN-2500BAOC0000D00	1130902

Sequence of signals	Type	Part no.
Signal 1: rising, signal 2: falling	DAXLAN-2500BA0C0000E00	1132918

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 70 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-0070BA080000W01	1133843

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 150 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-0150BA0C0000W01	1132932

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 200 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Type	Part no.
DAXLAN-0200BA080000W01	1133638
DAXLAN-0200BA0C0000W01	1131790

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 300 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-0300BA080000W01	1133514

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 400 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-0400BA080000W01	1133515

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 450 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Type	Part no.
DAXLAN-0450BA080000W01	1134109
DAXLAN-0450BA0C0000W01	1131912

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 500 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Type	Part no.
DAXLAN-0500BA080000W01	1133516
DAXLAN-0500BA0C0000W01	1134138

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 600 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Sequence of signals	Type	Part no.
-	DAXLAN-0600BA0C0000V01	1130893
Signal 1: rising, signal 2: falling	DAXLAN-0600BA080000W01	1133517



- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 700 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 0700BA080000W01	1133518

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 750 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 0750BA0C0000W01	1131910

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 762 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 0762BA0C0000W01	1132933

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 800 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 0800BA080000W01	1133519

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 900 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 0900BA080000W01	1133520

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 1,000 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Type	Part no.
DAXLAN-1000BA080000W01	1133521
DAXLAN-1000BA0C0000W01	1133570

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 1,100 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-1100BA080000W01	1134009

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 1,200 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-1200BA0C0000W01	1134545

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 1,220 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-1220BA0C0000W01	1134728

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 1,600 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 1600BA0C0000W01	1132592

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 1,800 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 1800BA0C0000W01	1133202

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 2,000 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 2000BA0C0000W01	1134288

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 2,032 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 2032BA0C0000W01	1134546

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 2,100 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN- 2100BA0C0000W01	1133097

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 2,286 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLAN-2286BA0C0000W01	1134547

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 210 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-0210BA0C0000100	1130907

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 500 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-0500BA0C0000100	1132934

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 50 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-0050BA080000M01	1134050

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 125 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-0125BA080000M01	1134396

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 150 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-0150BA0C0000M01	1132926

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 200 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Type	Part no.
DAXLVN-0200BA080000M01	1133522
DAXLVN-0200BA0C0000M01	1132920

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 250 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-0250BA0C0000M01	1132692

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 300 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Type	Part no.
DAXLVN-0300BA080000M01	1133523
DAXLVN-0300BA0C0000M01	1132919

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 375 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-0375BA0C0000M01	1132927

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 400 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-0400BA080000M01	1133524

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 500 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Type	Part no.
DAXLVN-0500BA080000M01	1133525
DAXLVN-0500BA0C0000M01	1132921

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 600 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-0600BA080000M01	1133526

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 650 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Type	Part no.
DAXLVN-0650BA080000M01	1134501
DAXLVN-0650BA0C0000M01	1132928

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 700 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-0700BA080000M01	1133529

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 800 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Type	Part no.
DAXLVN-0800BA080000M01	1133530
DAXLVN-0800BA0C0000M01	1132929

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 900 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-0900BA080000M01	1133531

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 1,000 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 55 mm / 63 mm
- **Magnet type:** block magnet

Type	Part no.
DAXLVN-1000BA080000M01	1133532
DAXLVN-1000BA0C0000M01	1133096

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 1,200 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-1200BA0C0000M01	1132931

- **Design:** DAX Low Profile
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 1,800 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	55 mm / 63 mm	Block magnet	DAXLVN-1800BA0C0000M01	1132492

- **Design:** DAX Low Profile
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 210 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	55 mm / 63 mm	Block magnet	DAXLON-0210B40D0001300	1132654



- **Design:** DAX Low Profile
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 250 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	55 mm / 63 mm	Block magnet	DAXLON-0250B40D0001300	1130906

- **Design:** DAX Low Profile
- **Communication interface:** CANopen
- **Baud rate:** 10 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 100 µm
- **Measurement range:** 0 mm ... 300 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	55 mm / 63 mm	Block magnet	DAXLON-0300B10C0001100	1132224

- **Design:** DAX Low Profile
- **Communication interface:** CANopen
- **Baud rate:** 500 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 1,290 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	55 mm / 63 mm	Block magnet	DAXLON-1290B40C0001600	1133031

- **Design:** DAX Low Profile
- **Communication interface:** CANopen
- **Baud rate:** 500 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 1,320 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	55 mm / 63 mm	Block magnet	DAXLON-1320B40C0001600	1133017

- **Design:** DAX Low Profile
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 2,000 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	55 mm / 63 mm	Block magnet	DAXLON-2000B40C0001300	1134289

- **Design:** DAX Low Profile
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 50 µm
- **Measurement range:** 0 mm ... 2,500 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	55 mm / 63 mm	Block magnet	DAXLON-2500B20C0001300	1130538

- **Design:** DAX Slider
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 750 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Block magnet	DAXSAN-0750BA0C0900W01	On request

- **Design:** DAX Slider
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 200 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSAN-0200SA040900E00	1133037

- **Design:** DAX Slider
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 400 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSAN- 0400SA040900E00	1133890

- **Design:** DAX Slider
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 600 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSAN- 0600SA040900E00	1132174

- **Design:** DAX Slider
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 900 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSAN- 0900SA040900E00	1132411

- **Design:** DAX Slider
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 2,000 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSAN- 2000SA000900E00	1135158

- **Design:** DAX Slider
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 200 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSAN- 0200SA040900W01	1131791

- **Design:** DAX Slider
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 400 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSAN- 0400SA000900W01	1133756

- **Design:** DAX Slider
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 900 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSAN- 0900SA040900W01	1132485

- **Design:** DAX Slider
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 2,000 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSAN- 2000SA040900W01	1134286

- **Design:** DAX Slider
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 150 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	C-magnet	DAXSAN- 0150CA0G0900E00	1134336

- **Design:** DAX Slider
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 300 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	C-magnet	DAXSAN- 0300CA0G0900W01	1134410

- **Design:** DAX Slider
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 145 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 25 mm / 63 mm

Magnet type	Type	Part no.
Slide magnet	DAXSVN-0145SA040900100	1131988
C-magnet	DAXSVN-0145CA0K0900100	1132652

- **Design:** DAX Slider
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 150 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC ( $\pm 20\%$ )	25 mm / 63 mm	Slide magnet	DAXSVN-0150SA040900000	1130898

- **Design:** DAX Slider
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 400 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC ( $\pm 20\%$ )	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSVN-0400SA040900100	1132795

- **Design:** DAX Slider
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 800 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC ( $\pm 20\%$ )	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSVN-0800SA000900100	1134581

- **Design:** DAX Slider
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 850 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSVN- 0850SA040900100	1135325

- **Design:** DAX Slider
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 145 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	Slide magnet	DAXSVN- 0145SA040900M01	1131986

- **Design:** DAX Slider
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,000 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	25 mm / 63 mm	C-magnet	DAXSVN- 1000CA0K0900000	1130900

- **Design:** DAX Slider
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,600 mm

Supply voltage	Sequence of signals	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	Signal 1: rising, signal 2: falling	25 mm / 63 mm	C-magnet	DAXSVN- 1600CA0K0900100	1132595

- **Design:** DAX Slider
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 20 µm
- **Measurement range:** 0 mm ... 2,500 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Unusable range (zero zone/damping zone):** 25 mm / 63 mm

Magnet type	Type	Part no.
Block magnet	DAXSON-2500B40C0901300	On request
Slide magnet	DAXSON-2500S3040901300	1130577
C-magnet	DAXSON-2500C40K0901300	On request

- **Design:** DAX Slider
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 145 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	25 mm / 63 mm	Slide magnet	DAXSON-0145S4040901300	1130909

- **Design:** DAX Slider
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 200 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	25 mm / 63 mm	Slide magnet	DAXSON-0200S4040901300	1131079

- **Design:** DAX Slider
- **Communication interface:** CANopen
- **Baud rate:** 10 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 100 µm
- **Measurement range:** 0 mm ... 300 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	25 mm / 63 mm	Slide magnet	DAXSON-0300S1040901100	1132225

- **Design:** DAX Slider
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 100 µm
- **Measurement range:** 0 mm ... 300 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	25 mm / 63 mm	Slide magnet	DAXSON-0300S1040901300	1132834

- **Design:** DAX Slider
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 300 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	25 mm / 63 mm	Slide magnet	DAXSON-0300S4040901300	1132099

- **Design:** DAX Slider
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 400 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	25 mm / 63 mm	Slide magnet	DAXSON-0400S4040901300	1132178

- **Design:** DAX Slider
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 100 µm
- **Measurement range:** 0 mm ... 1,000 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	25 mm / 63 mm	Slide magnet	DAXSON-1000S1040901300	1132835



- **Design:** DAX Slider
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 2,000 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	25 mm / 63 mm	Slide magnet	DAXSON-2000S4040901300	1134287

- **Design:** DAX Slider
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 100 µm
- **Measurement range:** 0 mm ... 2,500 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Type	Part no.
24 V DC (± 20%)	25 mm / 63 mm	Slide magnet	DAXSON-2500S1040901300	1132836

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 999 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 50 mm / 63 mm
- **Magnet type:** C-magnet

Thread offset	Thread shape	Type	Part no.
With thread offset	With thread offset	DAXTAN-0999CA0K0300E00	On request
		DAXTAN-0999CA1S0300E00	On request
Without thread offset	Without thread offset	DAXTAN-0999CA1S0100E00	On request

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 555 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	With thread offset	With thread offset	DAXTAN-0555RA1J0300E00	1133462

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 50 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0050RA1J0100E00	1133070

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 180 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0180RA1F0100E00	1134762

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 225 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0225RA1F0100E00	1134718

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 400 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0400RA1J0100E00	1132794

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 450 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0450RA1J0100E00	1131744

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 500 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0500RA1J0100E00	1130901

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 550 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0550RA1J0100E00	1132724

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 800 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0800RA1J0100E00	1133571

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 850 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0850RA1J0100E00	1132202

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,500 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-1500RA1J0100E00	1133240

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,600 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 50 mm / 63 mm
- **Magnet type:** ring magnet
- **Thread offset:** Without thread offset
- **Thread shape:** Without thread offset

Type	Part no.
DAXTAN-1600RA1J0100E00	1134622
DAXTAN-1600RA1F0200E00	1134931

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,700 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-1700RA1J0100E00	1133241

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 850 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	With thread offset	With thread offset	DAXTAN-0850RA1J0300W01	1133016

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 200 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Unusable range (zero zone/damping zone):** 50 mm / 63 mm
- **Magnet type:** ring magnet
- **Thread offset:** Without thread offset
- **Thread shape:** Without thread offset

Sequence of signals	Type	Part no.
-	DAXTAN-0200RA1J0100V01	1130896
Signal 1: rising, signal 2: falling	DAXTAN-0200RA1J0100W01	1131794

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 300 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0300RA1J0100W01	1135016

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 450 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0450RA1J0100W01	1135326

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 650 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0650RA1J0100W01	1134544

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 2,000 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-2000RA1J0100W01	1134279

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 220 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0220RA1B0100W01	1131340

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,000 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	With thread offset	With thread offset	DAXTAN-1000RA0T0300E00	1135139

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 750 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-0750RA0T0100E00	1135140

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 2,500 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTAN-2500RA0T0200E00	1130926

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 1,111 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	With thread offset	With thread offset	DAXTAN-1111RA0T0300W01	On request

- **Design:** DAX Threaded
- **Communication interface:** Analog / Current
- **Current output:** 4 mA ... 20 mA
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 777 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	With thread offset	With thread offset	DAXTAN-0777RA130300E00	1133432

- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 170 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 50 mm / 63 mm

Magnet type	Thread offset	Thread shape	Type	Part no.
C-magnet	Without thread offset	Without thread offset	DAXTVN-0170CA0G0100100	1133928
Ring magnet	With thread offset	With thread offset	DAXTVN-0170RA1J0300100	1132653
	Without thread offset	Without thread offset	DAXTVN-0170RA1J0100100	1131987

- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 457 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	With thread offset	With thread offset	DAXTVN-0457RA1J0400100	1135292

- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 153 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling
- **Unusable range (zero zone/damping zone):** 50 mm / 63 mm
- **Magnet type:** ring magnet
- **Thread offset:** Without thread offset
- **Thread shape:** Without thread offset

Type	Part no.
DAXTVN-0153RA1J0200100	1132436
DAXTVN-0153RA1B0200100	1132985



- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 260 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTVN-0260RA1J0200100	1131994

- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 457 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	With thread offset	With thread offset	DAXTVN-0457RA1J0400M01	1135328

- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 170 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTVN-0170RA1J0100M01	1131985

- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 565 mm
- **Supply voltage:** 24 V DC ( $\pm 20\%$ )
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTVN-0565RA1J0100M01	1135327

- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 407 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: rising, signal 2: falling

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTVN-0407RA1J0200M01	1133889

- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 10 V ... 0 V
- **Connection type:** male connector, M12, 8-pin
- **Measurement range:** 0 mm ... 2,500 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: falling, signal 2: rising

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	With thread offset	With thread offset	DAXTVN-2500RA1B0400R01	1130927

- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 500 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
24 V DC (± 20%)	50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTVN-0500RA130100400	1130903

- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 10 V ... 0 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 550 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: falling, signal 2: rising

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTVN-0550RA130100500	1133841

- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 0 V ... 10 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,000 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
24 V DC (± 20%)	50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTVN-1000RA130100400	1130090

- **Design:** DAX Threaded
- **Communication interface:** Analog / Voltage
- **Voltage output:** 10 V ... 0 V
- **Connection type:** male connector, M12, 5-pin
- **Measurement range:** 0 mm ... 1,100 mm
- **Supply voltage:** 24 V DC (± 20%)
- **Sequence of signals:** Signal 1: falling, signal 2: rising

Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTVN-1100RA130100500	1133840

- **Design:** DAX Threaded
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 170 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
24 V DC (± 20%)	50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTON-0170R41K0101300	1130908

- **Design:** DAX Threaded
- **Communication interface:** CANopen
- **Baud rate:** 500 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 1,100 mm

Supply voltage	Unusable range (zero zone/damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
24 V DC (± 20%)	50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTON-1100R41F0101600	1135112

- **Design:** DAX Threaded
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 2,000 mm

Supply voltage	Unusable range (zero zone/ damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
24 V DC (± 20%)	50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTON- 2000R41J0101300	1134285

- **Design:** DAX Threaded
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 10 µm
- **Measurement range:** 0 mm ... 100 mm

Supply voltage	Unusable range (zero zone/ damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
24 V DC (± 20%)	50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTON- 0100R40T0101300	1130905

- **Design:** DAX Threaded
- **Communication interface:** CANopen
- **Baud rate:** 250 kbit/s
- **Node ID:** 7F
- **Connection type:** male connector, M12, 5-pin
- **Resolution:** 100 µm
- **Measurement range:** 0 mm ... 2,500 mm

Supply voltage	Unusable range (zero zone/ damping zone)	Magnet type	Thread offset	Thread shape	Type	Part no.
24 V DC (± 20%)	50 mm / 63 mm	Ring magnet	Without thread offset	Without thread offset	DAXTON- 2500R1130201300	1130578

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