



DDL-2D05-G0M5BC9

Other connectors and cables

PLUG CONNECTORS AND CABLES

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
DDL-2D05-G0M5BC9	2083805

Other models and accessories → www.sick.com/Other_connectors_and_cables

Detailed technical data

Technical specifications

Connection type head A	Female connector, M12, 5-pin, straight				
Connection type head B	Female connector, D-Sub, 9-pin, straight				
Connector material	PUR, halogen-free				
Connector color	Black (RAL 9005)				
Cable diameter	5.9 mm				
Conductor cross section	0.34 mm ² , 5 x 0.34 mm ²				
Shielding	Shielded				
Bending radius	<table border="0"> <tr> <td style="text-align: right;">Flexible use</td> <td>> 10 x cable diameter</td> </tr> <tr> <td style="text-align: right;">Stationary position</td> <td>> 5 x cable diameter</td> </tr> </table>	Flexible use	> 10 x cable diameter	Stationary position	> 5 x cable diameter
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Stationary position	> 5 x cable diameter				
Reference voltage	≤ 300 V				
Signal type	CANopen				
Note	Programming adapter cable for programming tool PGT-12-Pro				
Description	Adapter cable for encoders and inclination sensors with CANopen interface and M12				
Operating temperature	<table border="0"> <tr> <td style="text-align: right;">Flexible use</td> <td>-25 °C ... +80 °C</td> </tr> <tr> <td style="text-align: right;">Stationary position</td> <td>-40 °C ... +80 °C</td> </tr> </table>	Flexible use	-25 °C ... +80 °C	Stationary position	-40 °C ... +80 °C
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Classifications

ECLASS 5.0	19030312
ECLASS 5.1.4	19030312
ECLASS 6.0	27060304
ECLASS 6.2	27060304
ECLASS 7.0	27060304
ECLASS 8.0	27060304
ECLASS 8.1	27060304
ECLASS 9.0	27060304
ECLASS 10.0	27060304
ECLASS 11.0	27060304
ECLASS 12.0	27060304
ETIM 5.0	EC000830

ETIM 6.0	EC000830
ETIM 7.0	EC003249
ETIM 8.0	EC003249
UNSPSC 16.0901	26121604

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com