



DMM4

Extension module for deTec and deTem



Technical data overview

Safety level	PL e, SIL 3, Type 4
Enclosure rating	IP65 / IP67
Ambient operating temperature	-30 °C ... +55 °C



Product description

Together with the deTec safety light curtains and deTem safety light-beam sensors, the DMM4 extension module enables efficient muting applications for safe human-material differentiation in automated material transport. With the help of DMM4 and the intuitive Safety Designer software, you can individually configure muting parameters and smart functions such as smart restart interlock for your application. The software can also be used to define different operating modes such as partial muting. Simply connect muting sensors, control switches and safety devices to DMM4. This reduces the cabling effort and shortens the commissioning time. This allows you to achieve continuous, efficient material flows while protecting people at the same time.

At a glance

- Flexibly configurable 2-/4-signal muting with Safety Designer software
- 10 connections for muting sensors, safety command devices and up to 3 safety sensors
- Different operating modes
- Smart restart interlock
- Configurable transmitting power and scanning range
- Reduced resolution, configurable object size

Your benefits

- Increase machine availability thanks to flexible configuration of application-specific muting parameters
- Simple device connection reduces cabling effort and simplifies commissioning and maintenance of the safety solution
- Switch quickly between operating modes while machines are running
- Increase process efficiency with object size-dependent smart restart interlock of the safety light curtain
- Save space in the plant, as even safety devices located close together do not affect each other
- High availability: Small objects such as thin metal sheets do not lead to unplanned machine downtimes

Fields of application

- Access protection with human-material differentiation for automated material flows (muting)

Ordering information

Other models and accessories → www.sick.com/DMM4

Description	Safety level	Connection type	Type	Part no.
The DMM4 extension module extends the functional scope of an electro-sensitive protective equipment (ESPE). The extended functional scope of the ESPE is referred to as function package DMM4. The extension module has several inputs and outputs to which the ESPE and other devices or sensors can be connected.	PL e, SIL 3, Type 4	Male connector M12, 8-pin	DMM4-AA110A0A0	1125562

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