

## Product No: 101149462

### SCHMERSAL MAGNETIC SAFETY SENSOR 101149462

*Note: Universal joint to compensate axial displacement | Switching point subsequently adjustable using hinge L*

#### General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
Coding Level According to EN ISO 14119	High
EAN	4030660000000
eCl@ss Number, Version 11.0	27-37-12-13
eCl@ss Number, Version 9.0	27-37-12-11
ETIM 6.0	EC000222
ETIM 7.0	EC000221
Housing Construction Form	Norm construction design
Product Type	Safety Sensor
Working Principle	Optoelectronic

#### Technical Attributes

No. of Auxiliary Contacts	2
Contact Material	Silver
Maximum Actuating Speed (m/s)	0.3
Maximum Cable Cross Section (mm <sup>2</sup> )	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	1
Minimum Cable Cross Section (mm <sup>2</sup> )	0.75
Minimum Mechanical Life	1000000000 Operations
Minimum Positive Break Force (N)	20
No. of Safety Contacts	3
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6

Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	Normally open contact (NO)
Switching Principle	Slow action
Terminal Type	Connector
Thermal Test Current (A)	0.25
Utilisation Category	DC-13   AC-15
Utilisation Category DC-13	0.25 A

### Physical Attributes

Actuator Type	Roller lever
Enclosure Material	Stainless steel (V4A)
Gross Weight (g)	520
Maximum Ambient Temperature (°C)	80
Minimum Ambient Temperature (°C)	-25
Net Weight (g)	430
Storage Temperature (°C)	-25 to 85
Wire Cross-Section	13 AWG

### Dimensions

Sensor Height (mm)	36
Sensor Length (mm)	71.5

### Protection & Standards

Degree of Protection	IP65
Standards	EN IEC 60947-5-3 / BG-GS-ET-14

### Resources

Product catalogue (Flipbook)	<a href="#">Download from here</a>
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