

Product No: 101147511

SCHMERSAL MAGNETIC SAFETY SENSOR 101147511

Note: Contact symbols shown for the closed condition of the guard device. | The contact configuration for versions with or without LED is identical.

General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
Coding Level According to EN ISO 14119	Low
EAN	4030660000000
eCl@ss Number, Version 11.0	27-37-12-43
eCl@ss Number, Version 9.0	27-37-12-13
ETIM 6.0	EC000222
ETIM 7.0	EC000222
Housing Construction Form	Norm construction design
Product Type	Safety Sensor
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	60
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	10000000 Operations
Minimum Positive Break Force (N)	8.5
No. of Safety Contacts	1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4

Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	NC contact, NO contact
Switching Principle	Snap action
Terminal Type	Connector
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.05 A

Physical Attributes

Actuator Type	Tilt lever
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	270
Maximum Ambient Temperature (°C)	65
Minimum Ambient Temperature (°C)	-25
Net Weight (g)	283.9
Storage Temperature (°C)	-25 to 85
Wire Cross-Section	15 AWG

Dimensions

Sensor Height (mm)	115
Sensor Length (mm)	21.5

Protection & Standards

Degree of Protection	IP67 / IP65
Standards	EN IEC 61496-1 / EN IEC 61496-2

Resources

Product catalogue (Flipbook)	Download from here
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