

Product No: 101130683

SCHMERSAL MAGNETIC SAFETY SENSOR 101130683

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	27-27-26-01
eCl@ss Number, Version 9.0	27-27-26-01
ETIM 6.0	EC000030
ETIM 7.0	EC000223
Housing Construction Form	Norm construction design
Product Type	Safety Sensor
Protection Class of Operating Resource	3
Working Principle	Mechanical

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm ²)	1.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	10
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	100000 Operations

Minimum Positive Break Force (N)	17
No. of Safety Contacts	1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	300
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	NC contact, NO contact
Switching Principle	Slow action
Terminal Type	Connector
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.5 A

Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Plastic, glass-fibre-reinforced
Gross Weight (g)	25
Installation Conditions	Not flush
Maximum Ambient Temperature (°C)	80
Minimum Ambient Temperature (°C)	-25
Mounting Type	2 x M5, Cylinder head screw
Net Weight (g)	45
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.25 mm

Dimensions

Height (mm)	100
Sensor Height (mm)	89.5
Sensor Length (mm)	49
Width (mm)	112.5

Protection & Standards

Degree of Protection	IP67
Pollution Degree	3
Standards	EN IEC 60947-5-1 / EN IEC 60947-1

Resources

Product catalogue (Flipbook)	Download from here
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