

Product No: 101102130

SCHMERSAL INDUCTIVE PROXIMITY SWITCH 101102130

Note: In case of failure (interruption of the 0 V supply) the maximum leakage current is 1 mA.

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	27-27-26-02
ETIM 6.0	EC002592
ETIM 7.0	EC002026
Housing Construction Form	Norm construction design
Product Type	Proximity Switch
Protection Class of Operating Resource	3
Recommended Actuator	AZ/AZM300-B1
Recommended Safety Switchgear	SRB-E-301ST SRB-E-201LC
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Design of Control Element	Short-circuit proof, p-type
Latching Force (N)	30
Maximum Actuating Speed (m/s)	0.5
Maximum Bounce Duration (ms)	3
Maximum Cable Cross Section (mm ²)	2 x 2.5
Maximum Fuse Rating	6 A gG D-fuse
Maximum Switching Capacity (W)	750

Minimum Actuating Speed (mm/min)	10
Minimum Cable Cross Section (mm ²)	0.25
Minimum Mechanical Life	10000000 Operations
Minimum Positive Break Force (N)	19
No. of Normally-open Contacts	2
No. of Safety Contacts	2
Overvoltage Category	3
Positive Break Travel (mm)	11
Rated Impulse Withstand Voltage (kV)	2.5
Rated Insulation Voltage (V)	300
Rated Operating Current (mA)	600
Rated Short-circuit Current (A)	400
Resistance to Shock (g/ms)	30 / 11
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Screw terminals
Utilisation Category	DC-13 AC-15

Physical Attributes

Actuator Type	Roller lever
Enclosure Coating Material	Painted
Enclosure Material	Plastic, glass-fibre-reinforced
Gross Weight (g)	59
Installation Conditions	Quasi-flush
Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-25
Mounting Type	Screws
Net Weight (g)	37.98
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.25 mm

Dimensions

Cable Length (m)	20
Depth (mm)	110
Height (mm)	80
Sensor Height (mm)	100
Sensor Length (mm)	33
Width (mm)	165

Protection & Standards

Degree of Protection	IP65
Pollution Degree	3
Standards	EN IEC 60947-5-1 / EN IEC 60947-1

Resources

Product catalogue (Flipbook)	Download from here
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