

Product No: 101127007

SCHMERSAL IFL10-30L-1ITP INDUCTIVE PROXIMITY SWITCH 101127007

FEATURES

- Inductive proximity switch with a long design
- DC 3-wire connection
- Sensing distance of 10 mm
- Equipped with a connector cable
- M30 ISO thread for mounting
- Normally open (NO) contact switching element
- Durable metal enclosure material
- Operating voltage range: 10 to 30 VDC
- Rated operational current: 200 mA



Note: The membrane protects the button against grinding dust or other pasty, viscous substances.

General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-01-01
eCl@ss Number, Version 9.0	27-27-01-01
ETIM 6.0	EC000030
ETIM 7.0	EC001487
Housing Construction Form	Norm construction design
Product Type	Proximity Switch
Protection Class of Operating Resource	3
Series	IFL
Working Principle	Mechanical

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	0.5

Maximum Fuse Rating	6 A gG D-fuse
Maximum Nominal Output Voltage DC (V)	1.5
Minimum Actuating Speed (mm/min)	92
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	10000000 Operations
Minimum Positive Break Force (N)	19
No. of Safety Contacts	1
Nominal Output Current (A)	0.4
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	2.5
Rated Insulation Voltage (V)	400
Rated Maximum Operational Voltage DC (V)	60
Rated Minimum Operational Voltage DC (V)	10
Rated Operational Current (A)	0.4
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	2 NC contact
Switching Principle	Slow action
Terminal Type	Connector
Utilisation Category	DC-13 AC-15

Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	25
Installation Conditions	Not flush
Maximum Ambient Temperature (°C)	70
Maximum Temperature (°C)	70
Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	-25
Mounting Type	Threaded

Net Weight (g)	225.04
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	13 AWG

Dimensions

Height (mm)	14
Sensor Height (mm)	73.5
Sensor Length (mm)	46
Width (mm)	22.5

Protection & Standards

Degree of Protection	IP67
Pollution Degree	3
Standards	EN IEC 61496-1 / EN IEC 61496-2

Resources

Product catalogue (Flipbook)	Download from here
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