

Product No: 101126971

SCHMERSAL IFL15-300L-10/01P INDUCTIVE PROXIMITY SWITCH 101126971

FEATURES

- Inductive proximity switch with a long design
- DC 4-wire connection
- Cylinder shape with ISO thread M30
- Sensing distance of 15 mm
- Equipped with both NO (Normally Open) and NC (Normally Closed) contacts
- Double-insulated construction
- Thermoplastic enclosure material
- Operating voltage range: 10 to 60 VDC
- Rated output current: 400 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	27-27-26-06
eCl@ss Number, Version 9.0	27-37-12-19
ETIM 6.0	EC001260
ETIM 7.0	EC001099
Housing Construction Form	Norm construction design
Product Type	Proximity Switch
Protection Class of Operating Resource	3
Recommended Safety Switchgear	PROTECT PSC1 SRB-E-301ST SRB-E-201LC
Series	IFL
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	1
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Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm ²)	1.5
Maximum Fuse Rating	6 A gG D-fuse
Maximum Nominal Output Voltage DC (V)	1.5
Minimum Actuating Speed (mm/min)	240
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)	500
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	1 NO contact, 2 NC contacts
Switching Principle	Slow action
Terminal Type	Connector
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	2.5 A

Physical Attributes

Actuator Type	Roller lever H65
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)	-25
Minimum Temperature (°C)	-25
Mounting Type	Threaded
Net Weight (g)	110
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.25 mm

Dimensions

Height (mm)	20
Sensor Height (mm)	93.1
Sensor Length (mm)	57
Width (mm)	45

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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