

## Product No: 101126987

### SCHMERSAL IFL10-30L-10TP INDUCTIVE PROXIMITY SWITCH 101126987

#### FEATURES

- Inductive proximity switch with a long design
- DC 3-wire connection
- Cylinder shape with ISO thread M30
- Sensing distance of 15 mm
- Equipped with a connector cable
- Normally open (NO) contact switching element
- Includes nuts for mounting
- Enclosure material made of thermoplastic
- Operating voltage range: 10 to 30 VDC



*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.
Coding Level According to EN ISO 14119	Low
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-06-01
eCl@ss Number, Version 9.0	27-27-26-06
ETIM 6.0	EC002714
ETIM 7.0	EC000030
Housing Construction Form	Norm construction design
Product Type	Proximity Switch
Protection Class of Operating Resource	3
Series	IFL
Working Principle	Magnetic drive

#### Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver

Maximum Cable Cross Section (mm <sup>2</sup> )	1.5
Maximum Fuse Rating	16 A gG D-fuse
Maximum Nominal Output Voltage DC (V)	1.2
Minimum Actuating Speed (mm/min)	20
Minimum Cable Cross Section (mm <sup>2</sup> )	0.34
Minimum Mechanical Life	10000000 Operations
Minimum Positive Break Force (N)	19
No. of Safety Contacts	1
Nominal Output Current (A)	0.2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	2.5
Rated Insulation Voltage (V)	400
Rated Maximum Operational Voltage DC (V)	30
Rated Minimum Operational Voltage DC (V)	10
Rated Operational Current (A)	0.2
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	0.25 A

### 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)	-25

Minimum Temperature (°C)	-25
Mounting Type	Threaded
Net Weight (g)	295
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	13 AWG

#### Dimensions

Height (mm)	14
Sensor Height (mm)	91.5
Sensor Length (mm)	30
Width (mm)	22.5

#### Protection & Standards

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

#### Resources

Product catalogue (Flipbook)	<a href="#">Download from here</a>
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