

## Product No: 101126029

### SCHMERSAL IFL50-385-10/01D INDUCTIVE PROXIMITY SWITCH 101126029

#### FEATURES

- Position switch with metal enclosure
- Actuating element: Angle roller lever
- Switching element: Opener (NC)
- Thermal test current: 10 A
- Utilisation category AC-15: 240 VAC, 4 A
- Utilisation category DC-13: 24 VDC, 1 A
- IP Rating: IP67 for dust and water resistance
- Operating temperature range from -30 °C to +80 °C

*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	27-37-12-19
eCl@ss Number, Version 9.0	27-27-26-03
ETIM 6.0	EC002544
ETIM 7.0	EC000030
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
Contact Material	Silver-nickel alloy 10

Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm <sup>2</sup> )	1.5
Maximum Fuse Rating	6 A gG D-fuse
Maximum Nominal Output Voltage DC (V)	5.5
Minimum Actuating Speed (mm/min)	10
Minimum Cable Cross Section (mm <sup>2</sup> )	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	20
No. of Safety Contacts	2
Nominal Output Current (A)	0.2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	500
Rated Maximum Operational Voltage DC (V)	40
Rated Minimum Operational Voltage DC (V)	10
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	1 NO contact, 1 NC contacts
Switching Principle	Slow action
Terminal Type	Connector
Utilisation Category	DC-13   AC-15

### Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Gross Weight (g)	225.04
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)	20
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.5 mm

#### Dimensions

Height (mm)	20
Sensor Height (mm)	89.5
Sensor Length (mm)	46
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)	<a href="#">Download from here</a>
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