

## Product No: 101173397

### SCHMERSAL IFL50-385-10/01-M20 INDUCTIVE PROXIMITY SWITCH 101173397

#### FEATURES

- Position switch with metal enclosure
- Actuating element: Offset roller lever
- Switching element: Opener (NC)
- Thermal test current: 10 A
- Utilisation category AC-15: 230 VAC, 4 A
- Utilisation category DC-13: 24 VDC, 4 A
- IP Rating: IP67 for dust and water resistance
- Temperature rating from -30 °C to +80 °C



*Note: The axis of the hinge must be 5 mm above and in a parallel plane to the top surface of the safety switch. | minimum actuating radius on hinged guards in line with the plane of the actuator 150 mm | minimum actuating radius on rotating guard systems via the narrow edge of the actuator 180 mm | The actuator is not available separately.*

#### General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
EAN	4030660000000
eCl@ss Number, Version 11.0	27-37-12-16
eCl@ss Number, Version 9.0	27-27-27-03
ETIM 6.0	EC000200
ETIM 7.0	EC002549
Housing Construction Form	Block
Product Type	Proximity Switch
Series	IFL
Working Principle	RFID

#### Technical Attributes

Contact Material	AgSn0, self-cleaning, positive drive
Maximum Actuating Speed (m/s)	2
Maximum Cable Cross Section (mm <sup>2</sup> )	1 x 1.5

Maximum Fuse Rating	6 A gG D-fuse
Maximum Nominal Output Voltage DC (V)	4.5
Minimum Cable Cross Section (mm <sup>2</sup> )	0.75
Minimum Mechanical Life	20000000 Operations
No. of Safety Contacts	1
Nominal Output Current (A)	0.5
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	500
Rated Maximum Operational Voltage AC (V)	250
Rated Minimum Operational Voltage AC (V)	15
Rated Short-circuit Current (A)	1000
Switching Element	Opener (NC)
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13   AC-15

### Physical Attributes

Actuator Type	Plunger S200
Enclosure Material	Aluminium
Gross Weight (g)	1480
Maximum Ambient Temperature (°C)	80
Maximum Temperature (°C)	70
Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	-25
Mounting Type	Threaded
Net Weight (g)	85

### Dimensions

Sensor Height (mm)	90
Sensor Length (mm)	63

### Protection & Standards

Degree of Protection

IP67

Standards

EN ISO 13849-1 / EN IEC 62061

## Resources

Product catalogue (Flipbook)

[Download from here](#)