

Product No: 101148482

SCHMERSAL BPS33-2326 SAFETY SENSOR 101148482

FEATURES

- Position switch with metal enclosure
- Actuating element: Plunger
- Switching elements: 1 NO contact and 2 NC contacts
- 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
- Operating temperature range from -30 °C to +80 °C



Note: By turning the head in 90° steps, 8 actuating planes are possible. A Torx T10 screwdriver is required for this purpose. Even when the screw is removed, the head is self-retaining. The switch can still not be tampered.

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	27-37-12-11
eCl@ss Number, Version 9.0	27-37-12-10
ETIM 6.0	EC000223
ETIM 7.0	EC001029
Housing Construction Form	Norm construction design
Product Type	Accessory
Series	BPS33
Working Principle	Optoelectronic

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	2

Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	0.05
Minimum Cable Cross Section (mm ²)	0.5
Minimum Mechanical Life	10000000 Operations
Minimum Positive Break Force (N)	15
No. of Safety Contacts	1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	300
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
Utilisation Category DC-13	0.25 A

Physical Attributes

Actuator Type	Angle roller lever
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	1900
Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-25
Net Weight (g)	125
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	11 AWG

Dimensions

Sensor Height (mm)	115
Sensor Length (mm)	38.5

Protection & Standards

Degree of Protection	IP65
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Standards	EN IEC 61496-1 / EN IEC 61496-2
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Resources

Product catalogue (Flipbook)	Download from here
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