

Product No: 101135587

SCHMERSAL BNS 120-12Z 5.0MM MAGNETIC SAFETY SENSOR 101135587



General Information

Brand	SCHMERSAL
Recommended Actuator	BP10
Recommended Safety Switchgear	SRB-E-301ST

Technical Attributes

Actuating Element	Magnet
Maximum Storage Temperature (°C)	70
Maximum Switching Capacity (W)	3
Maximum Switching Current (A)	0.25
Maximum Switching Frequency (Hz)	5
Minimum Storage Temperature (°C)	-25
No. of Cables	4
No. of Normally-closed Contacts	2
No. of Normally-open Contacts	1
No. of Safety Contacts	2
Resistance to Shock (g/ms)	30g / 11ms
Resistance to Vibrations	10 ... 55Hz, Amplitude 1mm
Termination	Cable

Physical Attributes

Direction of Motion	Head-on to the Active Surface
Housing Material	Glass-fibre, Reinforced Thermoplastic

Installation Conditions	Quasi-flush
Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-25

Dimensions

Cable Length (m)	5
Sensor Length (mm)	38.5
Wire Cross Section (mm ²)	0.25mm ² (Diameter)

Protection & Standards

Degree of Protection	IP67
Standards and Approvals	EN IEC 60947-5-3, EN ISO 13849-1

Resources

Product catalogue (Flipbook)	Download from here
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