

## Product No: 101213462

### SCHMERSAL EX-BNS 120-02Z-3G/D 5,0MEX MAGNETIC SAFETY SENSOR 101213462



#### 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
Maximum Switching Voltage AC (V)	100
Maximum Switching Voltage DC (V)	100
Minimum Storage Temperature (°C)	-25
No. of Normally-closed Contacts	2
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 <sup>2</sup> )	0.25mm <sup>2</sup> (Diameter)

### Protection & Standards

Degree of Protection	IP67
Explosion Protection Category	3D
Standards and Approvals	EN IEC 60947-5-3, EN ISO 13849-1, EN IEC 60079-0

### Resources

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