



Magnetic sensor 151SR100

Product characteristics

- Magneto-resistive sensor
- LED for simple visual status display
- Magnet is detected independent of the polarity
- Reverse-polarity protected and short-circuit proof
- 28.5 x 19 x 6.4 mm
- PA housing

Technical drawing

IMAGE 1/2

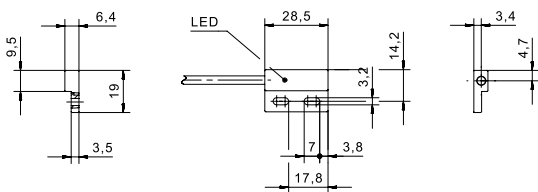
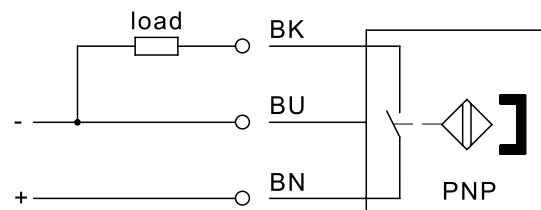


IMAGE 2/2



Electrical data

Attribute	151SR100
Continuous current	0.2 A
Technology	Magneto-resistive
Polarity reversal protection	yes
Switching output	PNP
EMC immunity (Norm)	DIN EN 60947-5-2, anwendbar Kapitel 7.2.6
EMC emission (Norm)	DIN EN 60947-5-2, anwendbar Kapitel 7.2.6
Operating voltage min.	10 V DC
Operating voltage max.	30 V DC
LED display	Yes
Actuation	front
Switching principle	magnetic

Mechanical data

Attribute	151SR100
Dimensions	28,5x19x6,4
Housing design	cuboid

Material information

Attribute	151SR100
Housing material	PI
Cable material	PVC

Environmental conditions

Attribute	151SR100
Protection class	IP67 DIN EN 60529
Operating temperature min.	-25 °C
Max. operating temperature	75 °C
Min. storage temperature	-25 °C
Max. storage temperature	75 °C
Min. cable temperature range, moving	-5 °C
Max. cable temperature range, moving	70 °C
Min. cable temperature range, fixed installation	-25 °C
Max. cable temperature range, fixed installation	70 °C

Installation

Attribute	151SR100
Mounting type	screwed

Connection

Attribute	151SR100
Cable length	1 m