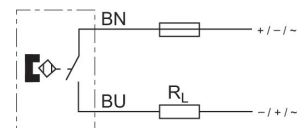


- Cubic sensor solution for universal applications
- A wide variety of sensor mountings for application needs
- With a M8-plug (2-, 3-, and 4-pin) directly on the sensor housing or free wire ends
- Service-friendly, since the line can be mounted directly on the housing
- Reed and electronic PNP sensor versions available
- Reed and electronic PNP sensor versions available
- Reed and electronic PNP sensor versions available



AVENTICS Series SN2 Magnetic proximity sensors

The AVENTICS Series SN2 sensors are compatible with a range of cylinders. With their universal functionality and shape, the sensors of the Series SN2 are found in a variety of industries and applications. With a robust reed sensor they are designed for a wide voltage range of up to 240 VAC.

Technical data

Industry	Industrial
Indirect mounting for series	TRB PRA ITS MNI CSL-RD ICM RPC TRR FLT CVI
Version	Heat resistant
Cable	with cable
Switch descr.	Reed
Min. operating voltage DC	12 V DC
Max. operating voltage DC	60 V DC
Min. operating voltage AC	12 V AC
Max. operational voltage AC	240 V AC
Switching capacity	10 W / 10 VA
Protection class	IP67
Min. ambient temperature	-20 °C
Max. ambient temperature	80 °C

Voltage drop U at I _{max}	2,1 V + I*Rs
Protective resistor for reed	27 Ω
Max. DC switching current	0.13 A
Max. AC switching current	0.13 A
Switching point precision	±0,1 mT
LED status display	Yellow
Electrical connection 2, type	without wire end ferrule, tin-plated
Electrical connection 2, number of poles	2-pin
Short circuit resistance	Protected against polarity reversal
Shock resistance	50 g / 11 ms
Vibration resistance	30 g (50 - 1000 Hz)
Cable length L	20 m

Material

Housing material	epoxy resin
Material cable sheath	Polyvinyl chloride
Part No.	R412004848

Technical information

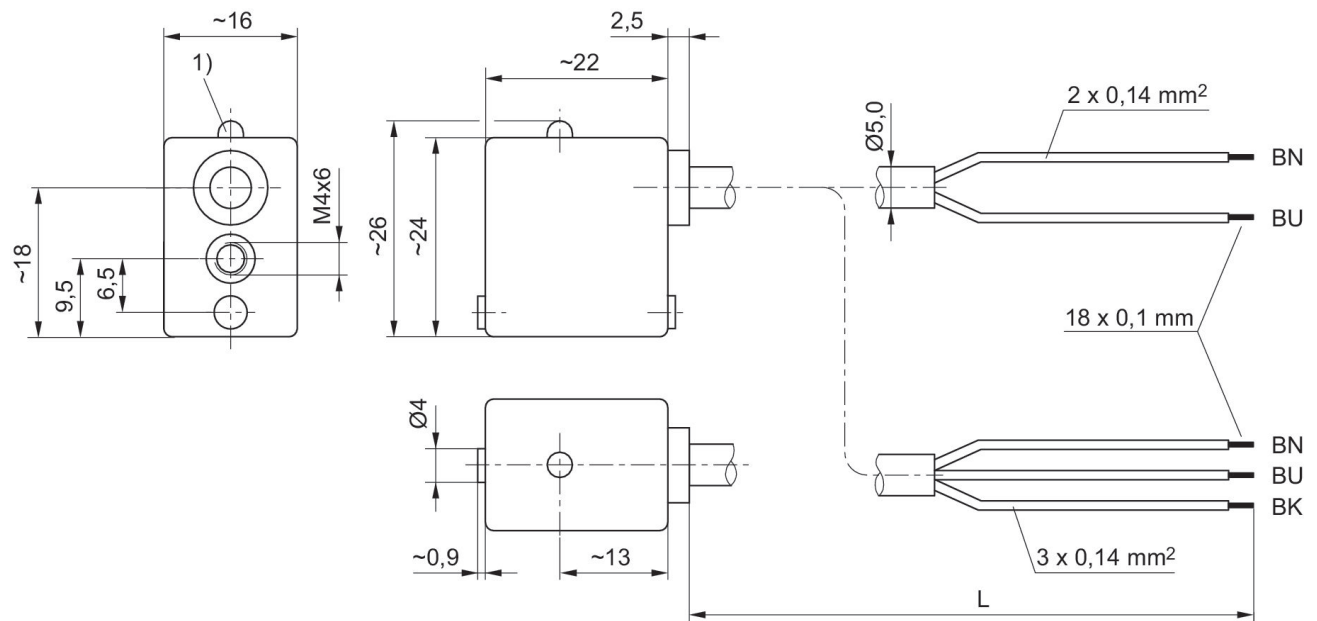
If reed sensors are used, we recommend using a short-circuit protective device (SCPD).

The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in <https://www.emerson.com/en-us/support>).

Dimensions



1) LED

L = cable length BN = brown, BK = black, BU = blue