

VELOMAT

MESSELEKTRONIK GmbH



Namur-Reed-Sensor



Namur-Reed-Sensor

Serie: VSE-0010

VELOMAT
MESSELEKTRONIK GmbH

Performance features:

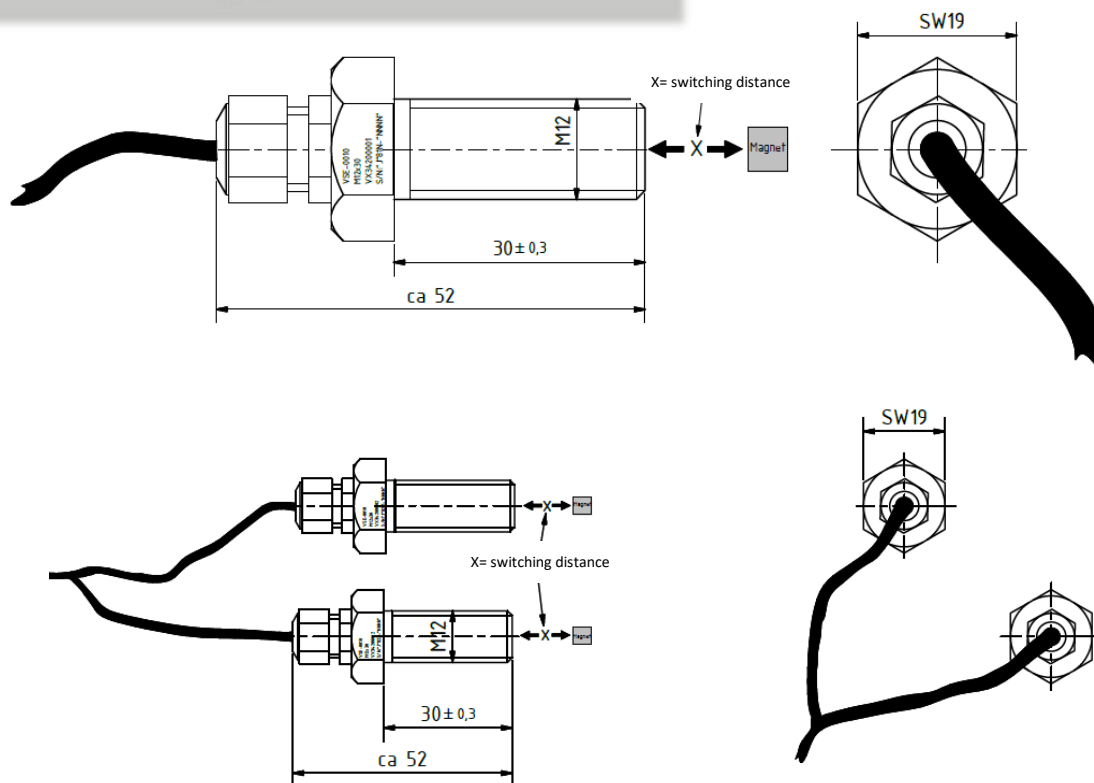
- Namur-Design
- Operating temperature: -40 °C ... +60 °C
- Connection cable: 2 x 0,25 mm² PUR-shielded
- Protection class: IP 67
- Switching Distance: 10 mm

Application areas:

- Proximity Sensor
- Theft prevention

Namur reed sensors are used in tank vehicles, for example, as position or proximity sensors for monitoring sealing caps, flaps or doors. As 2-wire sensors, they detect whether an object is present or missing by switching between two different current levels in accordance with the EN 60947-5-6.

Drawing / Dimensions



Technical Data

Operating temperature:	-40 °C ... +60 °C
Connection thread:	M12
Operating voltage:	12 V
Max. Switching distance:	10 mm

Pin Assignment

Cable:	Description:
Type of cable	PUR measuring cable shielded 2 × 0,25 mm ²
Length of cable	10 m
End of cable	Wire end ferrules
Cable color:	Description:
Brown	Ground GND (-)
White	Power supply UB (+)

Further Information

Electrical installation instructions:

- The electrical installation must be carried out in accordance with DIN EN 60079-14 "*Planning, selection and installation of electrical systems*".
- The cable ends must be fitted with wire end ferrules.
- The wiring must be carried out in accordance with the wiring diagram supplied.
- The cables must be laid in such a way that they cannot be kinked or damaged.
- Cable glands must be tightened at least until they engage noticeably.

Testing after initial installation:

- After installing the sensor, the functionality of the Namur-Reed-Sensor must be checked.