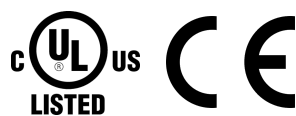
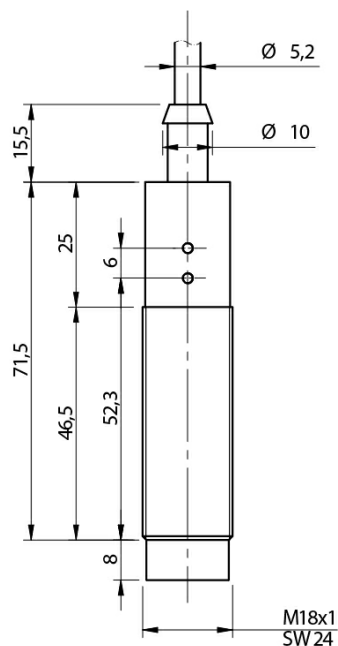




Indicative image

**M18 CYLINDRICAL CAPACITIVE SENSORS**

- DC or AC supply voltage
- High noise immunity
- Shielded and unshielded models
- Adjustable sensitivity
- Plastic housing

**Detection properties**

Nominal sensing distance	3...12mm
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Thermal drift of Sr	< 20%
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Repeat Accuracy	5%
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Sensitivity adjustment	Yes
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Hysteresis	≤ 20%
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Outputs

Output type	SCR
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Output Function	NC
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Switching frequency	10Hz
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Electrical data

Operating Voltage	20...250Vac/50-60Hz
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No-Load supply current	≤ 12mA
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Load current	≤ 500mA; max 2,5A 20ms
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Leakage current	≤ 100μA
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Output voltage drop	≤ 10VAC @ IL ≥ 20mA
Max ripple content	≤ 10%
LED indicators	Yellow LED (object detected)
Time delay before availability	≤ 200ms
Short-circuit protection	polarity reversal, overvoltage
Reverse Polarity Protection	Yes
Impulsive Overvoltage Protection	Yes

Mechanical data

Mounting	Unshielded
Dimensions	M18 x 1 / L = 99mm
Weight	150g
Housing Material	Polyester
Connections	2m PVC cable
Active Head Material	thermoplastic polyester
Tightening torque	2,6Nm
Operating temperature	-35°C...+85°C (without freeze)
Storage temperature	-40°C...+85°C
Diameter/Dimension	M18

Test/Approvals

Approvals	CE cULus
EMC compatibility	IEC 60947-5-2
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
Degree of protection	IP67, IP68

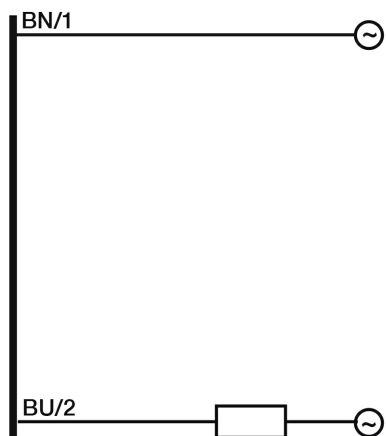
Accessories

Supplied Accessories	screw driver, 2 x M18 nuts
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Generical Data

Dimensions	M18 x 1 / L = 99mm
Operating Temperature	-35°C...+85°C (without freeze)
Mechanical Protection	IP67, IP68

ELECTRICAL DIAGRAMS OF THE CONNECTIONS



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