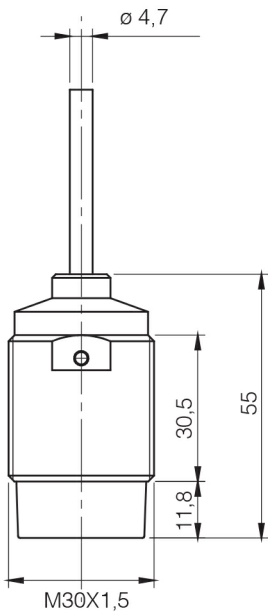




Indicative image



"M8, M12, M18, M30 INDUCTIVE WITH AC/DC SUPPLY VOLTAGE"



Detection properties

Nominal sensing distance	18mm
Operanting distance	0...14,5mm
Standard target	54x54mm FE360
Correction Factor	copper: 0,55 / aluminium: 0,51 / brass: 0,46 / stainless steel: 0,81
Thermal drift of Sr	< 10%
Repeat Accuracy	5% (UB 24V Ta=23°C ±5°C)
Hysteresis	1 ... 20%

Outputs

Output type	MOSFET
Output Function	NC (Vac) - NC/NO (Vdc)
Switching frequency	25Hz (AC) - 190Hz (DC)

Electrical data

Operating Voltage	20...250Vac/50-60Hz - 20...250Vdc
Load current	5...140ma(Vac) - 5...200mA (Vdc)
Leakage current	≤ 1mA (Vac) - ≤ 0,7mA (Vdc)
Output voltage drop	≤ 7,5V (Vac) - ≤ 8V (Vdc)
Max ripple content	≤10%
LED indicators	Yellow LED output state

Time delay before availability	≤100ms
Short-circuit protection	Yes
Impulsive Overvoltage Protection	Yes
Inrush current	600mA/150ms (AC/DC)
0,1μF @Vmax - 1μF @Vmin	1μF @Vmax - 1μF @Vmin

Mechanical data

Mounting	Unshielded
Dimensions	M30 x 1,5 / L = 60mm
Weight	170g
Housing Material	Nickel-plated brass
Connections	2m PUR Cable
Active Head Material	PA4T
Tightening torque	40Nm
Operating temperature	-25°C...+70°C
Diameter/Dimension	M30

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

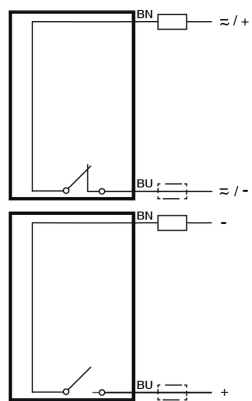
Accessories

Supplied Accessories	2 nuts M30x1,5
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Generical Data

Dimensions	M30 x 1,5 / L = 60mm
Operating Temperature	-25°C...+70°C
Mechanical Protection	IP67

ELECTRICAL DIAGRAMS OF THE CONNECTIONS



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