



V3

V3T1/R0-3A8F

Ind.M30,2 wires AC/DC-NO,Cable,Sch-LD
"M8, M12, M18, M30 INDUCTIVE WITH AC/DC SUPPLY
VOLTAGE"

OVERVIEW



TECHNICAL FEATURES

Detection properties

Nominal sensing distance	12mm
Operanting distance	0...9,7mm
Standard target	36x36mm FE360
Correction Factor	copper: 0,42 / aluminium: 0,48 / brass: 0,53 / stainless steel: 0,83
Thermal drift of Sr	< 10%
Repeat Accuracy	< 5% (UB 24V Ta=23°C ±5°C)
Hysteresis	1 ... 20%

Application

Description	M30 standard flush mount
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Functions	Proximity
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Outputs

Output type	MOSFET
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Output Function	NO (Vac) - NO/NC (Vdc)
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Switching frequency	25Hz (AC) - 250Hz (DC)
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Electrical data

Operating Voltage	20...250Vac/50...60Hz...20...250Vdc
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Load current	5...140ma(Vac) - 5...200mA (Vdc)
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Leakage current	$\leq 1\text{mA}$ (Vac) - $\leq 0,7\text{mA}$ (Vdc)
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Output voltage drop	$\leq 7,5\text{V}$ (Vac) - $\leq 8\text{V}$ (Vdc)
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Max ripple content	$\leq 10\%$
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LED indicators	Yellow LED output state
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Time delay before availability	$\leq 100\text{ms}$
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Short-circuit protection	Yes
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Impulsive Overvoltage Protection	Yes
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Inrush current	600mA/150ms (AC/DC)
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0,1µF @Vmax - 1µF @Vmin

1µF @Vmax - 1µF @Vmin

Mechanical data

Dimensions M30 x 1,5 / L = 55mm

Mounting Shielded

Material Nickel-plated brass

Housing material Nickel-plated brass

Weight 170g

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

Generical Data

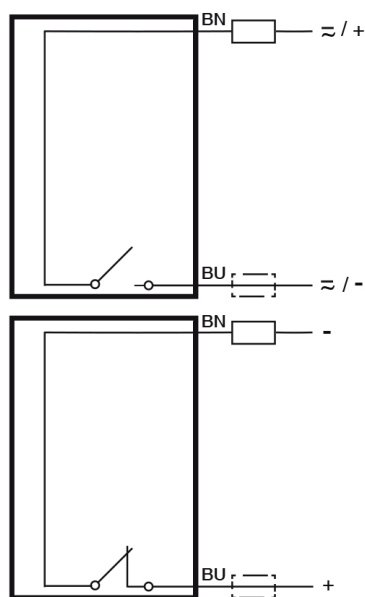
Dimensions M30 x 1,5 / L = 55mm

Operating Temperature -25°C...+70°C

Mechanical Protection IP67

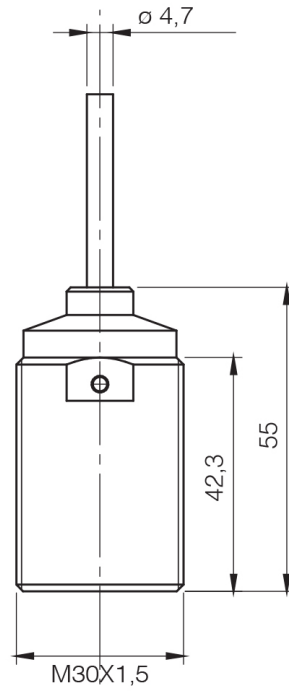
CONNECTIONS

Eletrical diagram



OTHERS

Dimensions



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