VT2/A0-2B

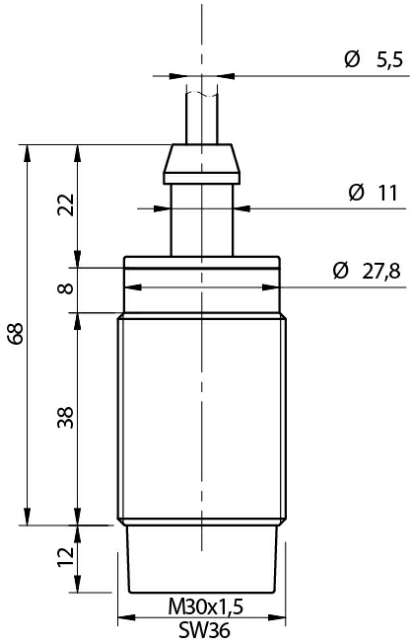
VT



Indicative image

CYLINDRICAL M30 IN AC INDUCTIVE SENSORS

- Output: cable and M12 plug cable exit
- Models with 2 wires
- IP 67 protection degree
- Multivoltage 20 ...253 Vac



Detection properties

Nominal sensing distance	15mm
Operanting distance	0...12,1mm
Standard target	45x45mm FE360
Correction Factor	copper: 0,45/ aluminium: 0,50 / brass: 0,60 / stainless steel: 0,80
Thermal drift of Sr	< 10%
Repeat Accuracy	5% (UB 24V Ta=23°C ±5°C)
Hysteresis	1 ... 20%

Outputs

Output type	TRIAC
Output Function	NO
Switching frequency	25Hz

Electrical data

Operating Voltage	20...250Vac/50-60Hz
Load current	5...300mA

Leakage current	≤ 1mA RMS max
Output voltage drop	See curves
Max ripple content	≤10%
LED indicators	Yellow LED output state
Time delay before availability	≤ 200ms
Inrush current	7A (Ton = 10ms)

Mechanical data

Mounting	Unshielded
Dimensions	M30 x 1,5 / L = 80mm
Weight	100g
Housing Material	Nickel-plated brass
Connections	2m PVC cable with tang
Active Head Material	PBT
Tightening torque	50Nm
Operating temperature	-25°C...+70°C
Diameter/Dimension	M30

Test/Approvals

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

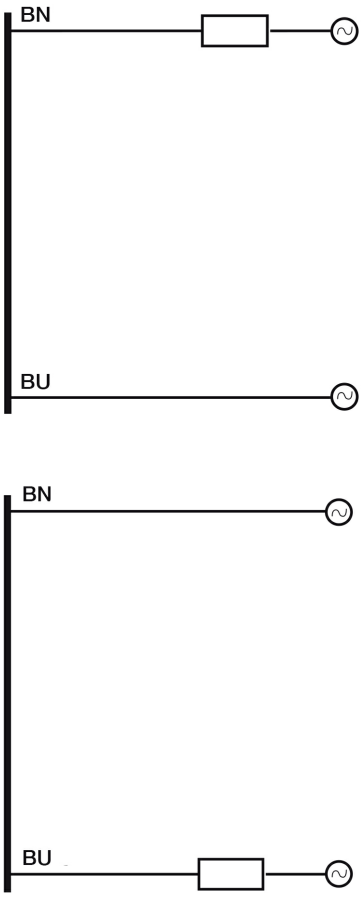
Accessories

Supplied Accessories	2 nuts M30x1,5

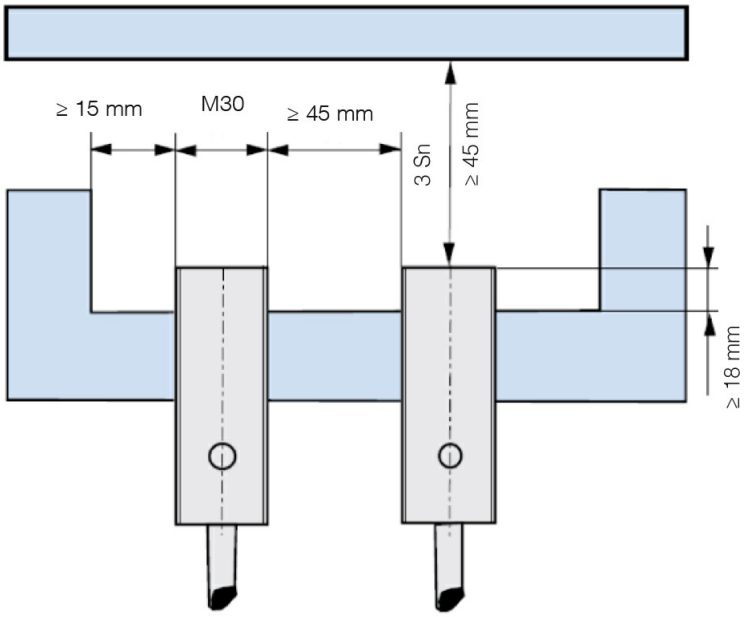
Generical Data

Dimensions	M30 x 1,5 / L = 80mm
Operating Temperature	-25°C...+70°C
Mechanical Protection	IP67

ELECTRICAL DIAGRAMS OF THE CONNECTIONS

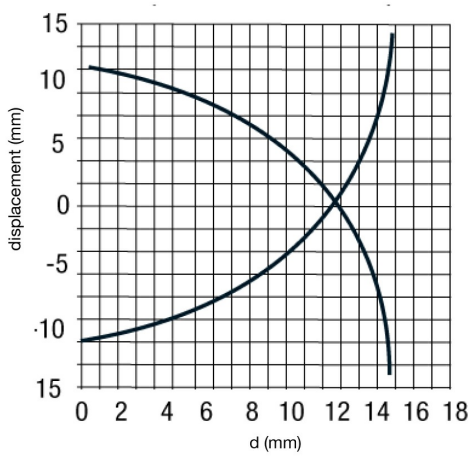


INSTALLATION



RESPONSE CURVES

Parallel offset



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