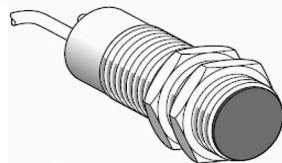


DATA SHEET

XSAV11373TF



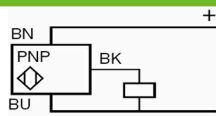
**Inductive Sensors for rotation monitoring
slip detection, shaft overload detection
Three wires direct current supply, solid-state output**

Characteristics

Format	Cylindrical threaded M30 x 1,5
Certifications	CE
Electrical connection	cabie
Adjustable frequency range	6 to 150 impulses/mn
Nominal sensing distance	10 mm
Operating zone	0 to 8 mm
Differential travel	3 to 15% of preset frequency (Fr)
Degree of protection	Conforming to IEC 60529
Storage temperature range	-40 °C to +85 °C
Operating temperature range	-40 °C to +70 °C
Materials	Case Cable
Vibration resistance	Conforming to IEC 60068-2-6
Shock resistance	Conforming to IEC 60068-2-27
Indicator lights	Output state Supply on
Rated supply voltage	12 to 48 Volts DC with protection against reverse polarity
Voltage limits (inculding ripple)	10 to 58 Volts DC
Output function	PNP, NC Normally closed ($F_c > F_r$)
Switching capacity	< 200 mA with overload and short-circuit protection
Voltage drop, closed state	< 1,8 Volts
Current consumption, no-load	< 15 mA
Maximum switching frequency	6000 impulses/mn
"Run-up" delay following power-up	9 seconds +/-20% + 1/Fr

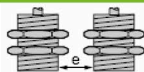
Wiring scheme

Cable	BN : Brown BU : Blue BK : Black
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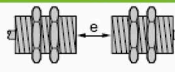
Setting-up

Minimum mounting distances (mm)



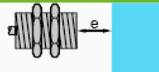
Side by side

$e > 20 \text{ mm}$



Face to face

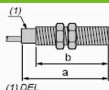
$e > 120 \text{ mm}$



Facing a metal object

$e > 30 \text{ mm}$

Dimensions



$a = 81 \text{ mm}, b = 57 \text{ mm}$

Fixing nut tightening torque < 50Nm