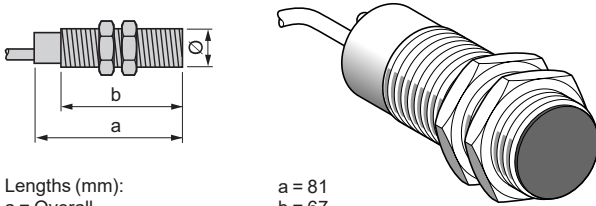


Flush mountable in metal



Lengths (mm):
a = Overall
b = Threaded section
a = 81
b = 67
Ø = M30

	DC	DC	AC/DC	AC/DC
Nominal sensing distance (Sn)	10 mm	10 mm	10 mm	10 mm
Adjustable frequency range	6...150 impulses/min	120...3000 impulses/min	6...150 impulses/min	120...3000 impulses/min

References

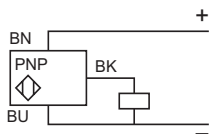
3-wire	PNP / NC	XSAV11373	XSAV12373	–	–
2-wire	~ or ~ / NC	–	–	XSAV11801	XSAV12801
Weight (kg)	0.300				

Characteristics

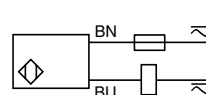
Connection	Pre-cabled, 3 x 0.34 mm ² , length 2 m (1)	Pre-cabled, 2 x 0.34 mm ² , length 2 m (1)
Degree of protection conforming to IEC 60529	IP 67	
Operating zone	0...8 mm	
Repeat accuracy	3 % of Sr	
Differential travel	3...15 % of Fr	
Operating temperature	-25...+70 °C	
Output state indication	Red LED	
Rated supply voltage	~ 12...48 V with protection against reverse polarity	~ 24...240 V (50/60 Hz) or ~ 24...210 V
Voltage limits (including ripple)	~ 10...58 V	~ or ~ 20...264 V
Switching capacity	≤ 200 mA with overload and short-circuit protection	~ 5...350 mA or ~ 5...200 mA (2)
Voltage drop, closed state	≤ 1.8 V	≤ 5.7 V
Residual current, open state	–	≤ 1.5 mA
Current consumption, no-load	≤ 15 mA	–
Maximum switching frequency	6000 impulses/min (for XSAV11●●●); 48,000 impulses/min (for XSAV12●●●)	
“Run-up” delay following power-up	9 seconds ± 20 % + 1/Fr (3)	

Wiring schemes

3-wire ~
XSAV1●373



2-wire ~ or ~
XSAV1●801



(1) For a 5 m long cable add L05 to the reference, for a 10 m long cable add L10 to the reference.

Example: XSAV11373 becomes XSAV11373L05 with a 5 m long cable.

(2) These sensors do not incorporate overload or short-circuit protection and therefore, it is essential to connect a 0.4 A “quick-blow” fuse in series with the load, see page 118.

(3) For a sensor without a “run-up” delay following power-up, replace XSAV1 in the reference by XSAV0. Example: XSAV11801 becomes XSAV01801 without a “run-up” delay. For a reduced “run-up” delay of 3 s, replace XSAV1 in the reference by XSAV3.