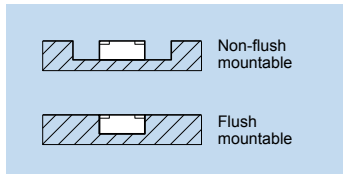


Rotation control

Fixed sensing distance

for ferrous or non-ferrous materials

For table footnotes, see page 35.



	26 x 26 x 13	40 x 40 x 15	M30	M18	M30	
Nominal sensing distance S_n	10 mm	15 mm	10 mm	5 mm	10 mm	
Operating zone (mm)	0–8	0–12	0–8	0–4	0–8	
Suitability for flush mounting (metal environment)	flush mountable			flush mountable		
Case: M (metal), P (plastic)	P	P	M	M	M	
Temperature range	–13 to +158 °F (–25 to +70 °C)			+32 to +122 °F (0 to +50 °C)		
Degree of protection, conforming to IEC 60529	IP67			precabled: IP68 (with connector: IP67)		
Product certification	CE, UL, CSA, CCC, C-TICK			CE, UL, CSA, CCC, C-TICK		
Dimensions, Ø x L or W x H x D, mm (in.)	Cable/connector	26 x 26 x 13 (1.02 x 1.02 x 0.51)	40 x 40 x 15 (1.58 x 1.58 x 0.59)	M30 x 81 (3.19)	M18 x 60 (2.36) / M18 x 70 (2.76)	M30 x 60 (2.36)
Maximum speed of passing object (impulses/min)	48000	48000	6000–48000 (1)	–	–	
Adjustable frequency range (impulses/min)	6–6000	6–6000	6–150 / 120–3000 (1)	–	–	

Sensors for DC applications

Connection			Precabled, PvR (2 m)				
4-wire	PNP/NPN, NO/NC	programmable	–	–	–	XS1M18KPM40	XS1M30KPM40
3-wire	PNP, NC	slow version	–	–	XSAV11373	–	–
		fast version	–	–	XSAV12373	–	–
	0–10 V output	plastic	–	–	–	–	–
4–20 mA output		metal, flush mountable	–	–	–	–	–
		plastic, flush mountable	–	–	–	–	–
		plastic, non-flush mountable	–	–	–	–	–
Connection			M8 or M12 connector				
4-wire	PNP/NPN, NO/NC	programmable	–	–	–	XS1M18KPM40D	M12 on 0.8 m pigtail XS1M30KPM40LD
3-wire	PNP, NC		XS9E11RPBL01M12 (3)	XS9C11RPBL01M12 (3)	–	–	–
		0–10 V output	–	–	–	–	–
	4–20 mA output		–	–	–	–	–
Supply voltage range (V), including ripple			10–36	10–36	10–58	10–38	
Switching capacity, max. (mA)			100	200	200	200	
Short-circuit protection (★) / Output state LED (⊗) / Power on LED (⊗)			(⊗)	★ / ⊗ / ⊗	★ / ⊗ / ⊗	★ / ⊗ / –	★ / ⊗ / –
Linearity error			–	–	–	–	–
Voltage drop, closed state (V) at I nominal			≤ 2	≤ 2	≤ 2	≤ 2.6	
Switching frequency (Hz)			–	–	–	1000	
Operating frequency (Hz)			–	–	–	–	

Multi-current/multi-voltage sensors for AC/DC applications

Connection			Precabled, PvR (2 m)				
2-wire	AC/DC	NC	XS9E11RMBL01U20 (5)	XS9C11RMBL01U20 (5)	–	–	–
not short-circuit protected (2)	NC	slow version	–	–	XSAV11801	–	–
		fast version	–	–	XSAV12801	–	–
Supply voltage range (V), 50–60 Hz			20–264	20–264	20–264	–	–
Switching capacity, max. (mA)			100	300 AC / 200 DC	300 AC / 200 DC	–	–
Output state LED (⊗) / Power on LED (⊗)			⊗ / ⊗	⊗ / ⊗	⊗ / –	–	–
Residual current, open state (mA)			≤ 1.5	≤ 1.5	≤ 1.5	–	–
Voltage drop, closed state (V) at I nominal			≤ 5.5	≤ 5.5	≤ 5.7	–	–
Switching frequency (Hz)			–	–	–	–	–

Accessories

Mounting				substitution of block type sensors XSE / XSC / XSD			Mounting clamp with indexing pin for cylindrical sensors.	
for flat sensors		flat	90°					
		flat		8x22x8	XSZBJ00	XSZBJ90		
				15x32x8	XSZBF00	XSZBF90	XSZBE10	
				26x26x13	XSZBE00	XSZBE90	XSZBC10	M12 XSZB112
				40x40x15	XSZBC00	XSZBC90	XSZBD10	M18 XSZB118
								M30 XSZB130