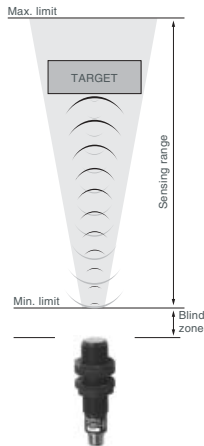


Ultrasonic Sensors—Osisonic™ and Connector Cables

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	M12		M18		M30	
Nominal Sensing Distance Sn	2" / 51 mm	...	6" / 152 mm	...	3.28' / 1 m	...
Usable sensing distance (mm)	6.4 to 51	...	25.4 to 152	...	51 to 991	...
Enclosure M (metal) P (plastic)	P	...	P	...	P	...
Temperature range °F (°C)	- 4 to 149 (- 20 to 65)	...	32 to 122 (0 to 50)	...	32 to 122 (0 to 50)	...
Degree of protection (conforming to IEC 60 529)	IP67	...	IP67	...	IP67	...
Dimensions (mm) Ø x L	M12 x 50	...	M18 x 65	...	M30 x 85	...

Sensors for DC applications (3-wire)

Connection: M12 connector

4-wire	PNP / NPN	N.O. / N.C.	programmable	XX512A1KAM8		XX518A1KAM12		XX630A1KAM12	
Supply voltage limits min/max (V) including ripple				10 to 28	...	10 to 28	...	10 to 28	...
Switching capacity, max (mA)				100	...	100	...	100	...
Short-circuit protection / LED output state indication / Output supply				yes / yes / no	...	yes / no / no	...	yes / yes / no	...
Voltage drop, closed state (V) at I nominal				≤ 1	...	≤ 1	...	≤ 1	...
Switching frequency (Hz)				500	...	500	...	200	...

Connector Cables

Type	Sensor Suffix Letter	Connector Style	Catalog Number	
NANO 6.6 Feet, 2 Meters Cable Length, PVC Material				
Non-Locking				
DC 3 Pin—Without LED	S, M8	Straight	XSZCS901	
DC 3 Pin—Without LED	S, M8	90°	XSZCS911	
Locking				
DC 3 Pin—Without LED	S, M8	Straight	XSZCS101	
DC 3 Pin—Without LED	S, M8	90°	XSZCS111	
DC 4 Pin—Without LED	S, M8	Straight	XSZCS141	
DC 4 Pin—Without LED	S, M8	90°	XSZCS151	
Micro 6.6 Feet, 2 Meters Cable Length, PVC Material				
DC 4 Pin—Without LED	D, M12	Straight	XSZCD101Y	
DC 4 Pin—Without LED	D, M12	90°	XSZCD111Y	
DC 5 Pin—Without LED	D, M12	Straight	XSZCD1501Y	
DC 5 Pin—Without LED	D, M12	90°	XSZCD1511Y	
AC/DC 3 Pin—Without LED	K, U20	Straight	XSZCK101Y	
AC/DC 3 Pin—Without LED	K, U20	90°	XSZCK111Y	
Mini 6.6 Feet, 2 Meters Cable Length, PVC Material				
DC 3 Pin—Without LED	A, R3	Straight	XSZCA101Y	
DC 3 Pin—Without LED	A, R3	90°	XSZCA111Y	
AC/DC 3 Pin—Without LED	A, R3	90°	XSZCA901Y	
AC/DC 3 Pin—Without LED	A, R3	90°	XSZCA911Y	
Self-assembled Connector				
Snap C connector	...	Straight	XZCC12FDM40V	

**For complete sensor product line,
see Catalog #9006CT0101**

For additional information, reference Catalog #9006CT0101.