

OMRON®



Tubular Proximity Sensors

 LED status indicator(s), unless noted in table Inductive sensors: for ferrous metal targets

OMRON®

 Capacitive sensors: for metallic and nonmetallic targets

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Prox. Sensor Dia.	Max. Detecting	g Prox. Sensor Elec. Connection	Output Mode	Mfr. Model	Item No.
	ictive, Plastic C		moue	MOUGI	140.
IN to SNV NC I	Power Requirem	asc ant			
8 mm	1.5 mm	2m Cable	NC	E2F-X1R5E2	2AKF4
12 mm	2 mm	2m Cable	NC	E2F-X2E2	2AKF3
18 mm	5 mm	2m Cable	NC	E2F-X5E2	2AKF2
30 mm	10 mm	2m Cable	NC	E2F-X10E2	2AKE9
30 mm	10 mm	2m Cable	NO	E2F-X10F1	2AKF1
	Power Requiren			ELI MIOI I	
12 mm	2 mm	2m Cable	NC	E2F-X2Y2	2AKE7
18 mm	5 mm	2m Cable	NC	E2F-X5Y2-US	2AKE6
Shielded, Indu	ctive. Nickel Pla	ated Brass Case		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
10 to 30 V DC	Power Requirem	ent			
12 mm	2 mm	Cable	NC	E2E-X2C212 2M	798JZ5
12 mm	2 mm	Cable	NO	E2E-X2C112 2M	798K01
30 mm	10 mm	Cable	NO	E2E-X10C130 2M	798K23
12 to 24V DC I	Power Requirem	ent			
8 mm	2 mm	2m Cable	NO	E2E-X2D1N	6C817
12 mm	3 mm	2m Cable	NO	E2E-X3D1S	6C818
12 mm	3 mm	2m Cable	NO	E2E-X3D1-N	2AKC2
18 mm	7 mm	2m Cable	NO	E2E-X7D1S	6C819
18 mm	7 mm	2m Cable	NO	E2E-X7D1-N	2AKC1
30 mm	10 mm	2m Cable	NO	E2E-X10D1-N	2AKB9
	Power Requiren	nent			
12 mm	2 mm	4 Pin M12 Connector	NO	E2E-X2Y1-M1	1EA56
12 mm	2 mm	4 Pin M12 Connector	NO	E2E-X2Y1-M4	1EA58
12 mm	2 mm	4 Pin M12 Connector	NO	E2E2-X2Y1-M4	1EA68
12 mm	2 mm	2m Cable	NO	E2E-X2Y1	2A186
12 mm	2 mm	2m Cable	NO	E2E2-X2Y1	6C796
12 mm	2 mm	2m Cable	NC	E2E2-X2Y2	6C797
12 mm	2 mm	2m Cable	NC	E2E-X2Y2	6C810
18 mm	5 mm	4 Pin M12 Connector	NO	E2E-X5Y1-M1	1EA57
18 mm	5 mm	4 Pin M12 Connector	NO	E2E-X5Y1-M4	1EA59
No LED status	s indicator. † Inc	ludes L-shaped bracket.			

Prox. Sensor Dia.	Max. Detecting Distance	Prox. Sensor Elec. Connection	Output Mode	Mfr. Model	Item No.
18 mm	5 mm	4 Pin M12 Connector	NO	E2E2-X5Y1-M4	1EA69
18 mm	5 mm	2m Cable	NO	E2E-X5Y1	3XC05
18 mm	5 mm	2m Cable	NO	E2E2-X5Y1	6C799
18 mm	<u>5</u> mm	2m Cable	NC	E2E2-X5Y2	60800
18 mm	5 mm	2m Cable	NO	E2E2-X5Y1-US	1EA72
30 mm	10 mm	3 Pin M12 Connector	NO	E2E2-X10Y1-M4	2AJZ6
30 mm 30 mm	10 mm 10 mm	2m Cable 3 Pin M12 Connector	NO NO	E2E-X10Y1-US E2E-X10Y1-M4	2AKB2 2AKB5
30 mm	10 mm	4 Pin M12 Connector	NO	E2E-X10Y1-M4	2AKB6
30 mm	10 mm	2m Cable	NO	E2E2-X1011-W11	6C803
30 mm	10 mm	2m Cable	NC	E2E2-X1011	6C804
	ictive, Plastic Cas		140	LLLL XIVIL	00004
	Power Requiremen				
8 mm	1.5 mm	2m Cable	NO	E2F-X1R5E1	6C825
12 mm	2 mm	2m Cable	NO	E2F-X2E1	3XC02
18 mm	5 mm	2m Cable	NO	E2F-X5E1	6C826
30 mm	10 mm	2m Cable	NO	E2F-X10E1	6C827
12 to 24V DC I	Power Requiremer	ıt			
8 mm	1.5 mm	2m Cable	NO	E2F-X1R5F1	1EA75
12 mm	2 mm	2m Cable	NO	E2F-X2F1	1EA76
18 mm	5 mm	2m Cable	NO	E2F-X5F1	1EA77
	Power Requireme				
12 mm	2 mm	2m Cable	NO	E2F-X2Y1	6C823
18 mm	5 mm	2m Cable	NO	E2F-X5Y1-US	1EA78
Shielded, Indu	ictive, Stainless S	teel Case			
	Power Requireme		NO	FOE VADEO40 MA	7001/04
8 mm	1.5 mm	4 Pin M12 Connector	NO	E2E-X1R5C18-M1	798K31
Unshielded, U	apacitive, Plastic Power Requiremer	tase			
18 mm	8 mm	2m Cable	NO	E2K-X8MF1	2AKD8
30 mm	15 mm	2m Cable	NO	E2K-X15MF1	2AKD6 *
	Power Requiremen		IVO	LZIV-X I JIVII I	ZAKDU
34 mm	25 mm	2m Cable	NO	E2K-C25MF1	2AKF5 *†
34 mm	25 mm	2m Cable	NC	E2K-C25MF2	2AKF6
90 to 250V AC	Power Requireme		140	LLIN OLUMI L	Z/IIII O
18 mm	8 mm	2m Cable	NO	E2K-X8MY1	2AKD3
18 mm	8 mm	2m Cable	NC	E2K-X8MY2	2AKD4
Unshielded, C	apacitive, Heat Ro	esistant Plastic Case			
	Power Requiremer				
12 mm	4 mm	2m Cable	NC	E2K-X4ME2	3XC04
30 mm	15 mm	2m Cable	NČ	E2K-X15ME2	6C845
	apacitive, Plastic			E01/ \/ / / / / / / / / / / / / / / / / /	
12 mm	4 mm 8 mm	2m Cable	NO NO	E2K-X4ME1	6C840 * 6C841 *
18 mm 30 mm	8 mm	2m Cable	NO NO	E2K-X8ME1	
		2m Cable	NU	E2K-X15ME1	6C843 *
34 mm	Power Requiremer 25 mm	2m Cable	NO	E2K-C25ME1	6C835 *†
34 mm	25 mm	2m Cable	NC	E2K-C25ME1	6C836 *†
	Power Requireme		IVO	LZIV-UZJIVILZ	00000
12 mm	4 mm	2m Cable	NO	E2K-X4MY1	6C837 *
12 mm	4 mm	2m Cable	NC	E2K-X4MY2	6C838 *
30 mm	15 mm	2m Cable	NC	E2K-X15MY2	3XC03 *
30 mm	15 mm	2m Cable	NO	E2K-X15MY1	6C839 *
34 mm	25 mm	2m Cable	NO	E2K-C25MY1	4A331 *†
34 mm	25 mm	2m Cable	NC	E2K-C25MY2	4A341 *†
	nductive, Nickel P Power Requireme				·
12 mm	5 mm	2m Cable	NO	E2E2-X5MY1-US	1EA73
12 mm	5 mm	2m Cable	NO		2AKB3
18 mm	10 mm	2m Cable	NO	E2E-X5MY1-US E2E2-X10MY1-US	1EA74
30 mm	18 mm	2m Cable	NO	E2E-X18MY1-US	2AKB7
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Inductive Proximity Sensors

■ Temp. range: -13° to 158°F

CE Certified.

Note: Mounting brackets are available; call 1-800-GRAINGER (472-4643).

On Grainger.com, search for "proximity sensor mounting brackets."

	Prox. Sensor Power Reqd.	Prox. Sensor Output Circuit Type	Max. Detecting Distance	Output Mode	Max. Current Load	L	w	D	Mfr. Model	Item No.
Subminiature Flat-Pack Style										
_	10 to 30V DC	3 Wire NPN	3 mm	NO	100mA	27 mm	10 mm	6 mm	TL-W3MC1	6C829
_	10 to 30V DC	3 Wire NPN	5 mm	NO	100mA	31 mm	18 mm	10 mm	TL-W5MC1	6C830
_	10 to 30V DC	3 Wire NPN	5 mm	NO	200mA	52 mm	25 mm	10 mm	TL-W5E1	6C831
	10 to 30V DC	3 Wire NPN	5 mm	NC	200mA	52 mm	25 mm	10 mm	TL-W5E2	6C832
_	10 to 30V DC	3 Wire NPN	20 mm	NO	200mA	53 mm	40 mm	23 mm	TL-W20ME1	6C833
_	10 to 201/ DC	2 Miro NDM	20 mm	NC	200m A	72 mm	40 mm	22 mm	TI WOOMES	60024



Telemecanique XS Series Proximity Sensors

■ 40mm square body

■ Temp. range: -13° to 158°F UL Listed, CSA and CE Certified.

