

Size			Sensing distance	Connecting method (See note 1.)	Body length	Output configuration	Operation mode NO	Operation mode NC
M18 (Brass)	Single	Shielded	5 mm	Pre-wired	Short	PNP	E2B-M18KS05-WP-B1 2M	E2B-M18KS05-WP-B2 2M
					Long	NPN	E2B-M18KS05-WP-C1 2M	E2B-M18KS05-WP-C2 2M
				M12 Connector	Short	PNP	E2B-M18LS05-WP-B1 2M	E2B-M18LS05-WP-B2 2M
					Long	NPN	E2B-M18LS05-WP-C1 2M	E2B-M18LS05-WP-C2 2M
		Unshielded	10 mm	Pre-wired	Short	PNP	E2B-M18KS05-M1-B1	E2B-M18KS05-M1-B2
					Long	NPN	E2B-M18KS05-M1-C1	E2B-M18KS05-M1-C2
				M12 Connector	Short	PNP	E2B-M18LS05-M1-B1	E2B-M18LS05-M1-B2
					Long	NPN	E2B-M18LS05-M1-C1	E2B-M18LS05-M1-C2
		Double	Shielded (See note 2.)	Pre-wired	Short	PNP	E2B-M18KN10-WP-B1 2M	E2B-M18KN10-WP-B2 2M
					Long	NPN	E2B-M18KN10-WP-C1 2M	E2B-M18KN10-WP-C2 2M
				M12 Connector	Short	PNP	E2B-M18LN10-WP-B1 2M	E2B-M18LN10-WP-B2 2M
					Long	NPN	E2B-M18LN10-WP-C1 2M	E2B-M18LN10-WP-C2 2M
			Unshielded	Pre-wired	Short	PNP	E2B-M18KN10-M1-B1	E2B-M18KN10-M1-B2
					Long	NPN	E2B-M18KN10-M1-C1	E2B-M18KN10-M1-C2
				M12 Connector	Short	PNP	E2B-M18LN10-M1-B1	E2B-M18LN10-M1-B2
					Long	NPN	E2B-M18LN10-M1-C1	E2B-M18LN10-M1-C2
			8 mm	Pre-wired	Short	PNP	E2B-M18KS08-WP-B1 2M	E2B-M18KS08-WP-B2 2M
					Long	NPN	E2B-M18KS08-WP-C1 2M	E2B-M18KS08-WP-C2 2M
				M12 Connector	Short	PNP	E2B-M18LS08-WP-B1 2M	E2B-M18LS08-WP-B2 2M
					Long	NPN	E2B-M18LS08-WP-C1 2M	E2B-M18LS08-WP-C2 2M
			16 mm	Pre-wired	Short	PNP	E2B-M18KS08-M1-B1	E2B-M18KS08-M1-B2
					Long	NPN	E2B-M18KS08-M1-C1	E2B-M18KS08-M1-C2
				M12 Connector	Short	PNP	E2B-M18KS08-M1-B1	E2B-M18KS08-M1-B2
					Long	NPN	E2B-M18KS08-M1-C1	E2B-M18KS08-M1-C2
			8 mm	Pre-wired	Short	PNP	E2B-M18KS08-M1-B1	E2B-M18KS08-M1-B2
					Long	NPN	E2B-M18KS08-M1-C1	E2B-M18KS08-M1-C2
				M12 Connector	Short	PNP	E2B-M18KS08-M1-B1	E2B-M18KS08-M1-B2
					Long	NPN	E2B-M18KS08-M1-C1	E2B-M18KS08-M1-C2
			16 mm	Pre-wired	Short	PNP	E2B-M18KS08-M1-B1	E2B-M18KS08-M1-B2
					Long	NPN	E2B-M18KS08-M1-C1	E2B-M18KS08-M1-C2
				M12 Connector	Short	PNP	E2B-M18KS08-M1-B1	E2B-M18KS08-M1-B2
					Long	NPN	E2B-M18KS08-M1-C1	E2B-M18KS08-M1-C2

Note: 1. Pre-wired Models are available in the cable lengths of 2 m and 5 m.

2. There are restrictions that apply to Shielded sensors.

Please refer to "Effects of Surrounding Metal" on page 20.

Size			Sensing distance	Connecting method (See note 1.)	Body length	Output configuration	Operation mode NO	Operation mode NC
M30 (Brass)	Single	Shielded	10 mm	Pre-wired	Short	PNP	E2B-M30KS10-WP-B1 2M	E2B-M30KS10-WP-B2 2M
					Long	NPN	E2B-M30KS10-WP-C1 2M	E2B-M30KS10-WP-C2 2M
				M12 Connector	Short	PNP	E2B-M30LS10-WP-B1 2M	E2B-M30LS10-WP-B2 2M
					Long	NPN	E2B-M30LS10-WP-C1 2M	E2B-M30LS10-WP-C2 2M
		Unshielded	20 mm	Pre-wired	Short	PNP	E2B-M30KS10-M1-B1	E2B-M30KS10-M1-B2
					Long	NPN	E2B-M30KS10-M1-C1	E2B-M30KS10-M1-C2
				M12 Connector	Short	PNP	E2B-M30LS10-M1-B1	E2B-M30LS10-M1-B2
					Long	NPN	E2B-M30LS10-M1-C1	E2B-M30LS10-M1-C2
		Double	Shielded (See note 2.)	Pre-wired	Short	PNP	E2B-M30KN20-WP-B1 2M	E2B-M30KN20-WP-B2 2M
					Long	NPN	E2B-M30KN20-WP-C1 2M	E2B-M30KN20-WP-C2 2M
				M12 Connector	Short	PNP	E2B-M30LN20-WP-B1 2M	E2B-M30LN20-WP-B2 2M
					Long	NPN	E2B-M30LN20-WP-C1 2M	E2B-M30LN20-WP-C2 2M
			15 mm	Pre-wired	Short	PNP	E2B-M30KN20-M1-B1	E2B-M30KN20-M1-B2
					Long	NPN	E2B-M30KN20-M1-C1	E2B-M30KN20-M1-C2
				M12 Connector	Short	PNP	E2B-M30LN20-M1-B1	E2B-M30LN20-M1-B2
					Long	NPN	E2B-M30LN20-M1-C1	E2B-M30LN20-M1-C2
			30 mm	Pre-wired	Short	PNP	E2B-M30KS15-WP-B1 2M	E2B-M30KS15-WP-B2 2M
					Long	NPN	E2B-M30KS15-WP-C1 2M	E2B-M30KS15-WP-C2 2M
				M12 Connector	Short	PNP	E2B-M30LS15-WP-B1 2M	E2B-M30LS15-WP-B2 2M
					Long	NPN	E2B-M30LS15-WP-C1 2M	E2B-M30LS15-WP-C2 2M
			15 mm	Pre-wired	Short	PNP	E2B-M30KN20-M1-B1	E2B-M30KN20-M1-B2
					Long	NPN	E2B-M30KN20-M1-C1	E2B-M30KN20-M1-C2
				M12 Connector	Short	PNP	E2B-M30LN20-M1-B1	E2B-M30LN20-M1-B2
					Long	NPN	E2B-M30LN20-M1-C1	E2B-M30LN20-M1-C2
			30 mm	Pre-wired	Short	PNP	E2B-M30KS15-M1-B1	E2B-M30KS15-M1-B2
					Long	NPN	E2B-M30KS15-M1-C1	E2B-M30KS15-M1-C2
				M12 Connector	Short	PNP	E2B-M30LS15-M1-B1	E2B-M30LS15-M1-B2
					Long	NPN	E2B-M30LS15-M1-C1	E2B-M30LS15-M1-C2
			15 mm	Pre-wired	Short	PNP	E2B-M30KN20-M1-B1	E2B-M30KN20-M1-B2
					Long	NPN	E2B-M30KN20-M1-C1	E2B-M30KN20-M1-C2
				M12 Connector	Short	PNP	E2B-M30LN20-M1-B1	E2B-M30LN20-M1-B2
					Long	NPN	E2B-M30LN20-M1-C1	E2B-M30LN20-M1-C2

Note: 1. Pre-wired Models are available in the cable lengths of 2 m and 5 m.

2. There are restrictions that apply to Shielded sensors.

Please refer to "Effects of Surrounding Metal" on page 20.

Accessories (Order Separately)

Sensor I/O Connectors

Size	Cable	Shape	Cores	Cable length (m)	Model
M8 (3-pin)	PVC	Straight	3	2	XS3F-M8PVC3S2M
				5	XS3F-M8PVC3S5M
		Right-angle		2	XS3F-M8PVC3A2M
				5	XS3F-M8PVC3A5M
	PVC Robot	Straight		2	XS3F-M321-302-R
				5	XS3F-M321-305-R
		Right-angle		2	XS3F-M322-302-R
				5	XS3F-M322-305-R
M12 (4-pin)	PVC	Straight	4	2	XS2F-M12PVC4S2M
				5	XS2F-M12PVC4S5M
		Right-angle		2	XS2F-M12PVC4A2M
				5	XS2F-M12PVC4A5M
	PVC Robot	Straight		2	XS2F-D421-D80-F
				5	XS2F-D421-G80-F
		Right-angle		2	XS2F-D422-D80-F
				5	XS2F-D422-G80-F