

### 3-wire 12–24 Vdc, Short Case Sensors

Table 20.10: Sensors, 3-wire 12–24 Vdc, Short Case Model

Sensing Distance Sn, mm (in.)	Function	Output	Connection	Weight		Catalog Number
				kg	lb	
<b>Ø 6.5, plain</b>						
1.5 (0.06)	NO	PNP	Precabled (2 m) [7]	0.035	0.08	XS506B1PAL2
			M8 connector	0.025	0.06	XS506B1PAM8
			M12 connector	0.025	0.06	XS506B1PAM12
	NC	NPN	Precabled (2 m) [7]	0.035	0.08	XS506B1NAL2
			M8 connector	0.025	0.06	XS506B1NAM8
			M12 connector	0.025	0.06	XS506B1NAM12
1.5 (0.06)	NO	PNP	Precabled (2 m) [7]	0.035	0.08	XS506B1PBL2
			M8 connector	0.025	0.06	XS506B1PBM8
			M12 connector	0.025	0.06	XS506B1PBL2
	NC	NPN	Precabled (2 m) [7]	0.035	0.08	XS506B1NBL2
			M8 connector	0.025	0.06	XS506B1NBM8
			M12 connector	0.025	0.06	XS506B1NBL2
<b>Ø 8, threaded M8 x 1</b>						
1.5 (0.06)	NO	PNP	Precabled (2 m) [7]	0.035	0.08	XS508B1PAL2
			M8 connector	0.025	0.06	XS508B1PAM8
			M12 connector	0.025	0.06	XS508B1PAM12
	NC	NPN	Precabled (2 m) [7]	0.035	0.08	XS508B1NAL2
			M8 connector	0.025	0.06	XS508B1NAM8
			M12 connector	0.025	0.06	XS508B1NAM12
1.5 (0.06)	NO	PNP	Precabled (2 m) [7]	0.035	0.08	XS508B1PBL2
			M8 connector	0.025	0.06	XS508B1PBM8
			M12 connector	0.025	0.06	XS508B1PBL2
	NC	NPN	Precabled (2 m) [7]	0.035	0.08	XS508B1NBL2
			M8 connector	0.025	0.06	XS508B1NBM8
			M12 connector	0.025	0.06	XS508B1NBL2
<b>Ø 12, threaded M12 x 1</b>						
2 (0.08)	NO	PNP	Precabled (2 m) [7]	0.075	0.17	XS512B1PAL2
			M12 connector	0.035	0.08	XS512B1PAM12
			M12 connector	0.035	0.08	XS512B1NAM12
	NC	NPN	Precabled (2 m) [7]	0.075	0.17	XS512B1PBL2
			M12 connector	0.035	0.08	XS512B1PBM12
			M12 connector	0.035	0.08	XS512B1NBL2
2 (0.08)	NO	PNP	Precabled (2 m) [7]	0.075	0.17	XS512B1PAL2
			M12 connector	0.035	0.08	XS512B1PAM12
			M12 connector	0.035	0.08	XS512B1NAM12
	NC	NPN	Precabled (2 m) [7]	0.075	0.17	XS512B1PBL2
			M12 connector	0.035	0.08	XS512B1PBM12
			M12 connector	0.035	0.08	XS512B1NBL2
<b>Ø 18, threaded M18 x 1</b>						
5 (0.20)	NO	PNP	Precabled (2 m) [7]	0.120	0.26	XS518B1PAL2
			M12 connector	0.060	0.13	XS518B1PAM12
			M12 connector	0.060	0.13	XS518B1NAM12
	NC	NPN	Precabled (2 m) [7]	0.120	0.26	XS518B1PBL2
			M12 connector	0.060	0.13	XS518B1PBM12
			M12 connector	0.060	0.13	XS518B1NBL2
5 (0.20)	NO	PNP	Precabled (2 m) [7]	0.120	0.26	XS518B1PAL2
			M12 connector	0.060	0.13	XS518B1PAM12
			M12 connector	0.060	0.13	XS518B1NAM12
	NC	NPN	Precabled (2 m) [7]	0.120	0.26	XS518B1PBL2
			M12 connector	0.060	0.13	XS518B1PBM12
			M12 connector	0.060	0.13	XS518B1NBL2
<b>Ø 30, threaded M30 x 1.5</b>						
10 (0.39)	NO	PNP	Precabled (2 m) [7]	0.205	0.45	XS530B1PAL2
			M12 connector	0.145	0.32	XS530B1PAM12
			M12 connector	0.145	0.32	XS530B1NAM12
	NC	NPN	Precabled (2 m) [7]	0.205	0.45	XS530B1PBL2
			M12 connector	0.145	0.32	XS530B1PBM12
			M12 connector	0.145	0.32	XS530B1NBL2

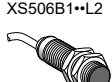
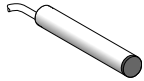


Table 20.11: Accessories

Description	For use with sensors	Weight		Catalog Number
		kg	lb	
Mounting brackets	Ø 6.5 (plain)	0.005	0.01	XSZB165
	Ø 8	0.006	0.01	XSZB108
	Ø 12	0.006	0.01	XSZB112
	Ø 18	0.010	0.02	XSZB118
	Ø 30	0.020	0.02	XSZB130

[7] For a 5 m cable replace L2 with L5; for a 10 m cable replace L2 with L10. Example: XS508B1PAL2 becomes XS508B1PAL5 with a 5 m cable.