Weld Spatter Resistance-TW Series

NEW!

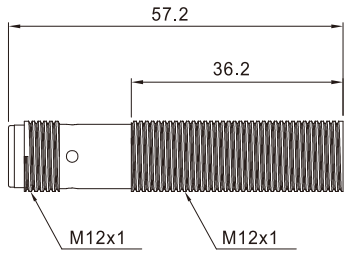


Basic characteristic	Working principle	Inductive sensor		
	Housing	Cylindrical		
	Mounting	Flush	Flush	Flush
	Sensing distance	4mm	8mm	15mm
	Thread size	M12	M18	M30
	Sensing surface material	Teflon coating		
	Objects detected	Metal		
	Indicator	Action indicator: Yellow LED		
	Sensitivity adjustment	No		
Electrical data	Switch mode	NO: normally open , NC: normally closed		
	Output	NPN/PNP		
	Output input	No		
	Frequency	1kHz		
	Repeat accuracy	≤2% rated sensing distance		
	Hysteresis	3~10% rated sensing distance		
	Working voltage	10~30V DC		
	Current consumption	25mA		
	Residual voltage	–		
	Load current	≤50mA		
	Leakage current	–		
	Insulation resistance	>500MΩ(DC500V) between current –carrying parts and case		
	Dielectric strength	AC500V for 60s between current–carrying parts and case. Supply frequency : 50/60Hz		
	Vibration resistance	55 Hz, 1.5mm double amplitude for 4 hours each in X, Y, and Z directions		
	Protection circuit	Reverse polarity protection/output overload protection/output short circuit protection		
	Working temperature	–30~+70%		
	Working humidity	35%~95%RH		
	Degree of protection	IP67		
Mechanic data	Connection	M12, 4 PIN connector		
	Size	M12X57.2mm	M18X57.2mm	M30X57.2mm
	Material	Copper+Teflon coating		
	Weight	0.05kg		
	Accessories	No		
Model	NPN NO	TWF12-04NOE	TWF18-08NOE	TWF30-16NOE
	Others	NO:NPN NO NC:NPN NC PO:PNP NO PC:PNP NC		

Dimensions (Unit:mm)

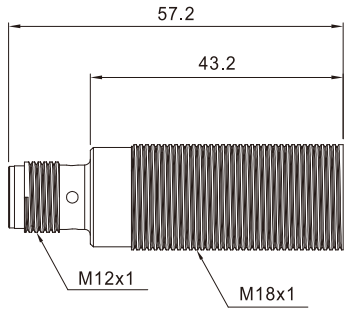
M12

TWF12-04□□



M18

TWF18-08□□



M30

TWF30-16□□