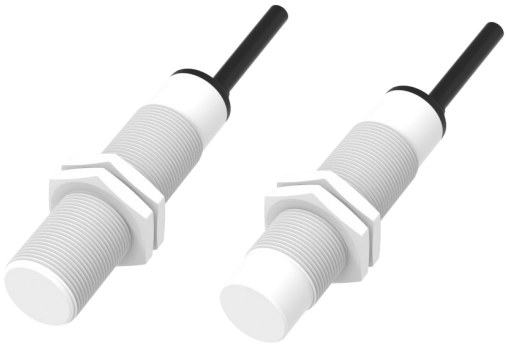
Teflon capacitive sensor **CR18XT** series



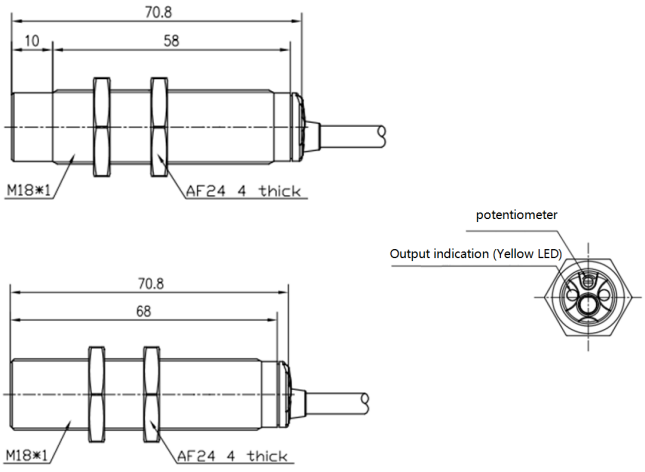
Feature description

- Excellent chemical resistance, oil resistance (PTFE housing)
- Distance can be adjusted according to the detected object (sensitivity button)

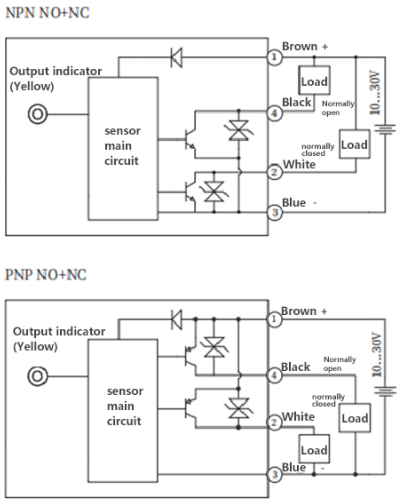
Model specification					
NPN NO	CR18XTCF08DNOY	CR18XTCN12DNOY	PNP NO	CR18XTCF08DPOY	CR18XTCN12DPOY
NPN NC	CR18XTCF08DNCY	CR18XTCN12DNCY	PNP NC	CR18XTCF08DPCY	CR18XTCN12DPCY
NPN NO+NC	CR18XTCF08DNRY	CR18XTCN12DNRY	PNP NO+NC	CR18XTCF08DPRY	CR18XTCN12DPRY

Specifications				
Installation type	Quasi-flush	No-flush	Circuit protection	Short circuit protection, overload protection,
Rated distance	8mm	12mm		reverse polarity protection
Adjust the distance	3...12mm(adjustable)	3...15mm(adjustable)	Output indication	Yellow LED
Adjustment method	Multi-turn potentiometer adjustment		Ambient temperature	-25℃...70℃
Shape specification	M18* 70.8 mm		Environment humidity	35...95%RH
Output type	NPN/PNP NO/NC/NO+NC		High pressure resistant	1000VAC 50/60Hz 60s
Supply voltage	10...30 VDC		Switching frequency	20Hz
Standard target	Fe 24*24*1t(Ground)	Fe 36*36*1t(Ground)	Vibration resistant	10...55Hz, Dual amplitude 1mm
Switch point offset [%/Sr]	≤±10%			2 hours each in X, Y, and Z directions
Hysteresis range [%/Sr]	3...20%		Impulse withsand	30g/11ms 3 times each for X,Y,Z direction
Repetitive error	≤5%		Protection degree	IP67
Load current	≤200mA		Housing material	PTFE White
Residual voltage	≤2.5V		Connection	2M PUR cable
Consumption current	≤15mA			

Dimensions



Wiring diagram



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