Contact type liquid level detection capacitive sensor **CR18XT** series



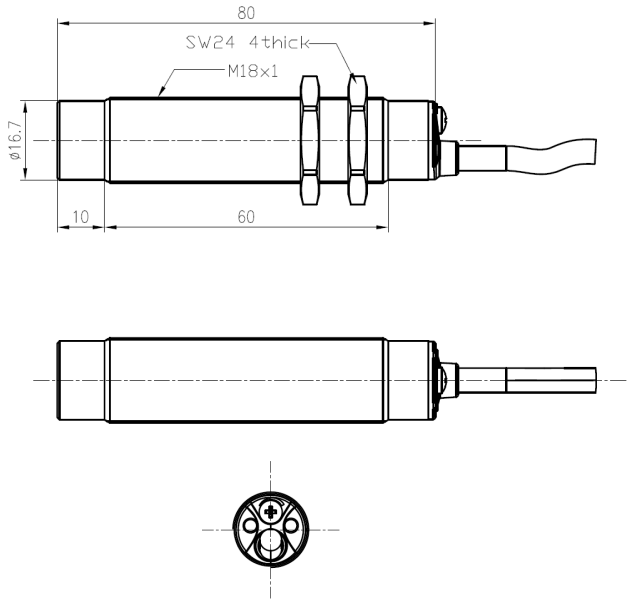
Feature description

- Meet a variety of contact liquid level measurement needs
- The distance can be adjusted according to the detected object (sensitivity button)
- PTEE shell, with excellent chemical resistance and oil resistance

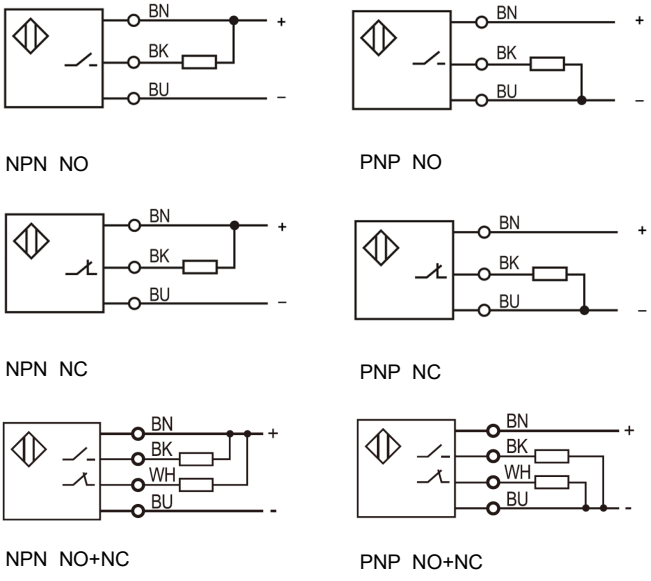
Model specification			
NPN NO	CR18XTCN05DNO	PNP NO	CR18XTCN05DPO
NPN NC	CR18XTCN05DNC	PNP NC	CR18XTCN05DPC
NPN NO+NC	CR18XTCN05DNR	PNP NO+NC	CR18XTCN05DPR

Specifications			
Installation type	Non-flush（Contact use）	Circuit protection	Short circuit protection, overload protection,
Detection distance	5mm		reverse polarity protection
Output type	NO/NC（Depending on model）	Ambient temperature	-25℃...70℃
Supply voltage	10...30 VDC	Environment humidity	35...95%RH
Standard target	The inside diameter of > 20mmMetal ring	High pressure resistant	1000V/AC 50/60Hz 60s
Sensitivity	Adjustable potentiometer	Insulation resistance	≥50MΩ（500VDC）
Switch point offset	≤±20%	Vibration resistant	Complex amplitude1.5mm 10...50Hz
Hysteresis range	3...20%		（2 hours each in X, Y, and Z directions）
Repetitive error	≤5%	Shape specification	M18*80mm
Load current	≤200mA	Protection degree	IP67
Residual voltage	≤2.5V	Housing material	PTEE
Consumption current	≤15mA	Connection type	2m PVC Cable
Output indication	Yellow LED		

Dimensions



Wiring diagram



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