Metal cylindrical shape capacitive sensors **CR18G** series



Features

- ◆ Be able to detect both metal and nonmetal objects;
- ◆ Be able to detect various media via nonmetallic container;
- ◆ Reliable liquid level detecting;

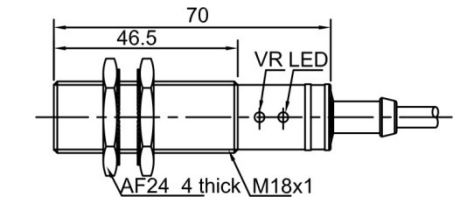
Part number

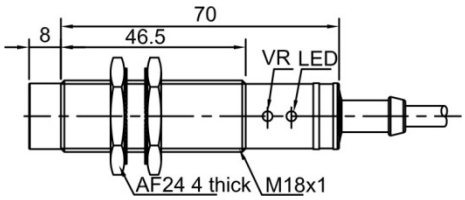
AC2 wires	NO	CR18GCF05ATO	CR18GCN08ATO	AC2 wires	NC	CR18GCF05ATC	CR18GCN08ATC

Technical specifications

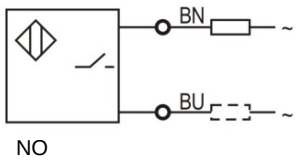
Mounting	Flush	Non-flush	Leakage current [Ir]	≤3mA
Rated distance [Sn]	5mm (adjustable)	8mm(adjustable)	Circuit protection	… …
Assured distance [Sa]	0…4mm	0…6.4mm	Output indicator	Yellow LED
Dimensions	M18*70mm	M18*78 mm	Ambient temperature	-25℃…70℃
Output	NO/NC(depends on part number)		Ambient humidity	35-95%RH
Supply voltage	20…250 VAC		Switching frequency [F]	15 Hz
Standard target	Fe 18*18*1t	Fe24*24*1t	Voltage withstand	2000V/AC 50/60Hz 60S
Switch-point drifts [%/Sr]	≤±20%		Insulation resistance	≥50MΩ (500VDC)
Hysteresis range [%/Sr]	3…20%		Vibration resistance	10…50Hz (1.5mm)
Repeat accuracy [R]	≤3%		Degree of protection	IP67
Load current	≤300mA		Housing material	Stainless steel
Residual voltage	≤10V		Connection type	2m PVC cable

Dimensions

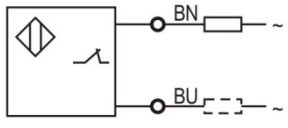




Wiring diagram



NO



NC