


Long-Range Limit Switch Style Sensors 4-Wire DC, 2-Wire AC Types



FEATURES

- Long range sensing
- LED indicators standard
- 9-position sensing head for top or side sensing
- Front-mount plug-in construction
- -25 to +85°C (-13 to +185°F) temperature range
- Sealed to IP 67 and NEMA 1, 3, 4, 12 and 13
- CE compliant

ORDER GUIDE

Sensor Package Style	Sensing Range mm (in.)	Sensor Type	LED	Sw. Freq.	Standard Target* mm (in.)	Output Type	Catalog Listing
 226,7g (8 oz)	20 (0.79) Shielded	4-wire DC	YES	150 Hz	45 (1.77)	NPN, N.O./N.C. PNP, N.O./N.C.	922C20N-C3N 922C20N-C3P
		2-wire AC	YES	30 Hz	45 (1.77)	N.O.	923C20N-A7T
	40 (1.57) Unshielded	4-wire DC	YES	150 Hz	45 (1.77)	NPN, N.O./N.C. PNP, N.O./N.C.	922C40N-C3N 922C40N-C3P
		2-wire AC	YES	30 Hz	45 (1.77)	N.O.	923C40N-A7T

* Square of mild steel, 1 mm (.04 in.) thick.

SPECIFICATIONS

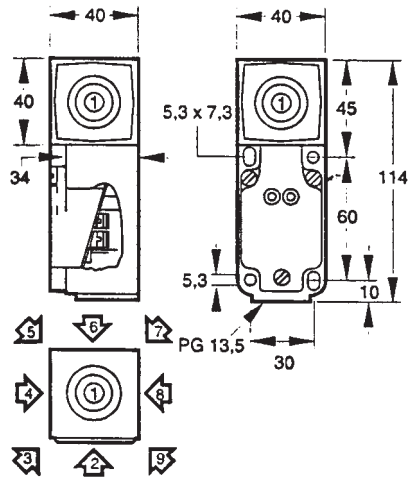
	923C 2-Wire AC	922C 4-Wire DC
Supply voltage	20-250 VAC, 45-65 Hz	10 to 30 VDC
Leakage current, max.	<1.8 mA	50µA
Load current	5-500 mA	200 mA max.
Current consumption	—	≤20 mA
Voltage drop	≤2.2 V	≤8.5 V
Repeatability	≤±1%	≤±1%
Housing	Polyester, fiberglass reinforced	
LED indicator	Green: Power Orange: Output	
Hysteresis	3-15%	3-15%

Proximity Sensors

922/923C Series

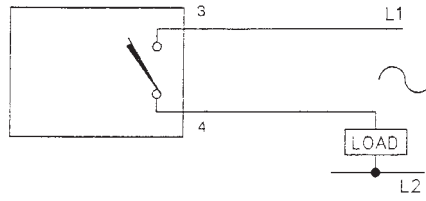
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MOUNTING DIMENSIONS $\frac{\text{mm}}$
(For reference only) $\frac{\text{in.}}$
922/923C



Key	mm	in.
5,3		.21
7,3		.29
10		.39
30		1.18
34		1.34
40		1.57
45		1.77
60		2.36
114		4.49

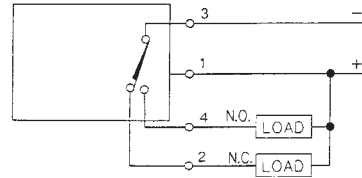
WIRING AC SENSORS 923C Series AC N.O.



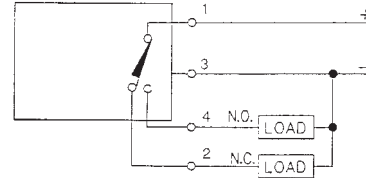
NOTICE

A load must be used when power is applied to AC sensors. Wiring without a load will cause permanent damage.

WIRING DC SENSORS 922C Series NPN (Sinking) N.O.



922C Series PNP (Sourcing) N.O.



WIRING DC

Do not place leadwires of DC sensors in conduit with AC control wiring. Place in separate conduit or with wiring to other low voltage, low current solid state devices.

Proximity