

# Inductive Proximity Sensors

## 872C WorldProx™ 2-Wire DC

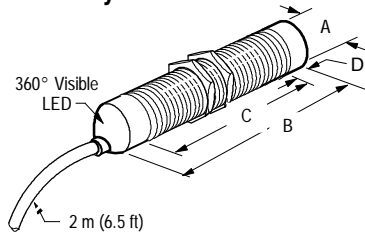
Plastic Face/Threaded Nickel-Plated Brass Barrel

### Product Selection

Barrel Diameter	Nominal Sensing Distance [mm (in.)]	Shielded	Output Configuration	Switching Frequency [Hz]	Cat. No.	
					Cable Style	Micro QD Style
12 mm	3 (0.12)	Y	N.O.	2000	872C-D3NE12-A2	<b>872C-D3NE12-D4</b>
			N.C.		872C-D3CE12-A2	872C-D3CE12-D4
	4 (0.16)	N	N.O.		872C-D4NE12-A2	<b>872C-D4NE12-D4</b>
			N.C.		872C-D4CE12-A2	872C-D4CE12-D4
18 mm	5 (0.20)	Y	N.O.	1000	<b>872C-D5NE18-A2</b>	<b>872C-D5NE18-D4</b>
			N.C.		872C-D5CE18-A2	872C-D5CE18-D4
	8 (0.31)	N	N.O.		<b>872C-D8NE18-A2</b>	<b>872C-D8NE18-D4</b>
			N.C.		872C-D8CE18-A2	872C-D8CE18-D4
30 mm	10 (0.39)	Y	N.O.	500	872C-D10NE30-A2	872C-D10NE30-D4
			N.C.		872C-D10CE30-A2	872C-D10CE30-D4
	15 (0.59)	N	N.O.		872C-D15NE30-A2	872C-D15NE30-D4
			N.C.		872C-D15CE30-A2	872C-D15CE30-D4
Recommended standard QD cordset (-2 = 2 m (6.5 ft))						889D-F4AC-2

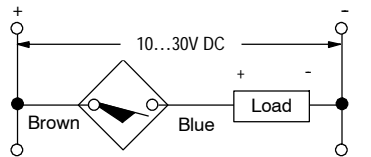
### Approximate Dimensions [mm (in.)]

#### Cable Style

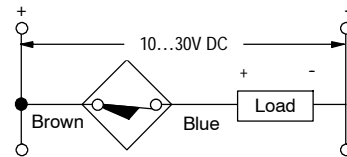


### Wiring Diagrams

#### Normally Open



#### Normally Closed



Note: Load can be switched to brown wire.

Thread Size	Shielded	[mm (in.)]			
		A	B (max)	C (min)	D (max)
M12 X 1	Y	12 (0.47)	50.8 (2.00)	46.7 (1.84)	—
	N		58.7 (2.31)		7.9 (0.31)
M18 X 1	Y	18 (0.71)	50.8 (2.00)		—
	N		63.0 (2.48)		12.2 (0.48)
M30 X 1.5	Y	30 (1.18)	50.8 (2.00)		—
	N		63.0 (2.48)		12.2 (0.48)