

Inductive Proximity Sensors

871C 2-Wire AC

Plastic Face/Threaded Plastic Barrel

Selection Guide

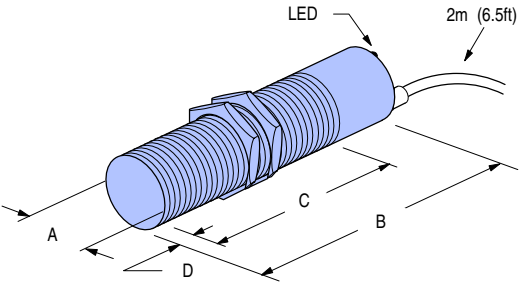
Barrel Diameter	Nominal Sensing Distance mm (inches)	Shielded	Output Configuration	Switching Frequency (Hz)	Catalog Number
					Cable Style
18mm	5 (0.20)	Y	N.O.	8	871C-C5S18
			N.C.		871C-D5S18
	8 (0.31)	N	N.O.		871C-C8R18
			N.C.		871C-D8R18
30mm	10 (0.39)	Y	N.O.		871C-C10S30
			N.C.		871C-D10S30
	15 (0.59)	N	N.O.		871C-C15R30
			N.C.		871C-D15R30

Accessories

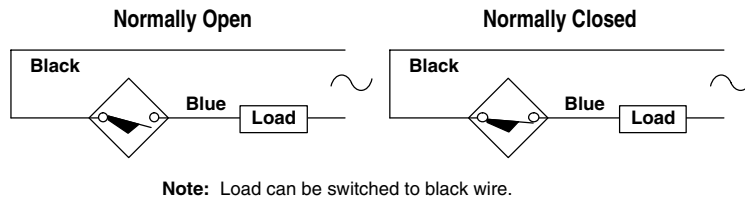
Description	Page Number
Terminal Chambers	5–19
Mounting Brackets	2–188 – 2–192
End Caps	2–198
Mounting Nuts	2–199 – 2–200

Dimensions—mm (inches)

Cable Style



Wiring Diagram



Thread Size	Shielded	mm (inches)			
		A	B	C	D
M18 X 1	Y	18.0 (0.71)	81.0 (3.19)	61.0 (2.40)	2.0 (0.08)
	N ❶				
M30 X 1.5	Y	30.0 (1.18)	81.0 (3.19)		
	N ❶				

❶ Unshielded proximity sensors require a metal-free zone around the sensing face. Any metal immediately opposite the sensing face should be no closer than 3 times the rated nominal sensing distance of the sensor.