

CR8 Series Inductive Proximity Sensors



8 x 8 mm rectangular metal – DC

- Compact 8 x 8 x 40 mm metal housing
- Axial cable or M8 quick-disconnect models; purchase cable separately
- Complete overload protection
- IP67 rated
- Screws included
- Lifetime warranty



CR8 Series 8x8 Rectangular DC Inductive Proximity Selection Chart

Part Number	Price	Sensing Range	Mounting	Output State	Logic	Connection	Wiring	Dimensions
Standard Distance								
CR8-AN-1A	\$32.50	0-1.5 mm [0-0.06 in]	Flush	N.O.	NPN	2m [6.5 ft] axial cable	Diagram 1	Figure 1
CR8-AP-1A	\$32.50				PNP	2m [6.5 ft] axial cable	Diagram 2	Figure 1
CR8-AN-1F	\$32.50				NPN	M8 [8mm] connector	Diagram 1	Figure 2
CR8-AP-1F	\$32.50				PNP	M8 [8mm] connector	Diagram 2	Figure 2
Extended Distance								
CR8-AN-2A	\$45.00	0-2 mm [0-0.08 in]	Flush	N.O.	NPN	2m [6.5 ft] axial cable	Diagram 1	Figure 1
CR8-AP-2A	\$45.00				PNP	2m [6.5 ft] axial cable	Diagram 2	Figure 1
CR8-AN-2F	\$45.00				NPN	M8 [8mm] connector	Diagram 1	Figure 2
CR8-AP-2F	\$45.00				PNP	M8 [8mm] connector	Diagram 2	Figure 2
Triple Distance								
CR8-AN-3A	\$102.00	3mm [0.118 in]	Semi-flush	N.O.	NPN	2m [6.5 ft] axial cable	Diagram 1	Figure 1
CR8-AP-3A	\$102.00				PNP	2m [6.5 ft] axial cable	Diagram 2	Figure 1
CR8-AN-3F	\$102.00				NPN	M8 [8mm] connector	Diagram 1	Figure 2
CR8-AP-3F	\$102.00				PNP	M8 [8mm] connector	Diagram 2	Figure 2

Wiring Diagrams

Diagram 1

NPN output

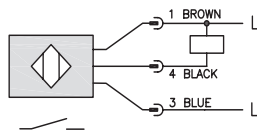
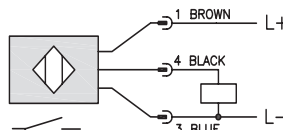


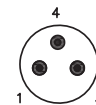
Diagram 2

PNP output



Connector

M8 connector



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To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

Dimensions

mm [inches]

Figure 1

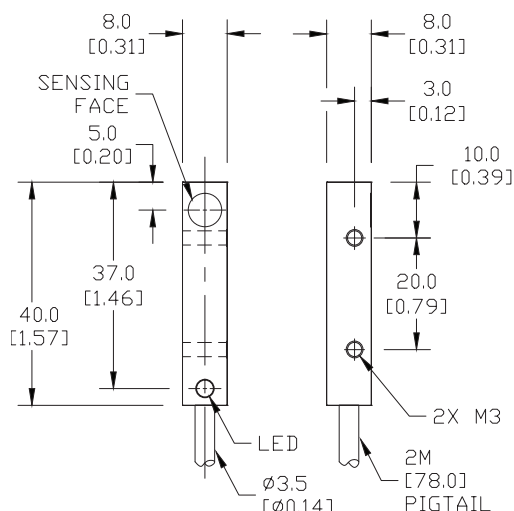


Figure 2

