


Head Size	Weld Field Immune	Nominal Sensing Distance [mm (in.)]	Shielded	Output Configuration	Switching Frequency [Hz]	Cat. No.			
						Mini QD Style	Micro QD Style		
40 mm	No	20 (0.79)	Yes	N.O.	30	871P-B20N40-N3		871P-B20N40-R3	
				N.C.		871P-B20C40-N3		871P-B20C40-R3	
		40 (1.57)	No	N.O.	20	★	871P-B40N40-N3	★	871P-B40N40-R3
				N.C.		★	871P-B40C40-N3	★	871P-B40C40-R3
	Yes	15 (0.59)	Yes	N.O.	30	871P-BW15N40-N3		871P-BW15N40-R3	
				N.C.		871P-BW15C40-N3		871P-BW15C40-R3	
		25 (0.98)	No	N.O.	20	871P-BW25N40-N3		871P-BW25N40-R3	
				N.C.		871P-BW25C40-N3		871P-BW25C40-R3	
Recommended Standard QD Cordset (-6F = 1.8 m (6 ft), -2 = 2 m (6.5 ft))						889N-F3AFC-6F		889R-F3ECA-2	

★ Assured operating distance for unshielded models is 0...33 mm (0...1.3 in.).

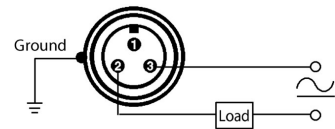
ATTENTION



Unit must be mounted to a grounded metal frame or grounded via field wiring lug per NEC requirements. Recommended grounding lug is available in AllenBradley mounting kit Cat. No. 871A-PKIT.

Mini QD Style

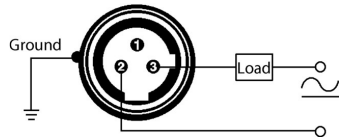
Normally Open or Normally Closed



Note:Load can be switched to pin 3.

Micro QD Style

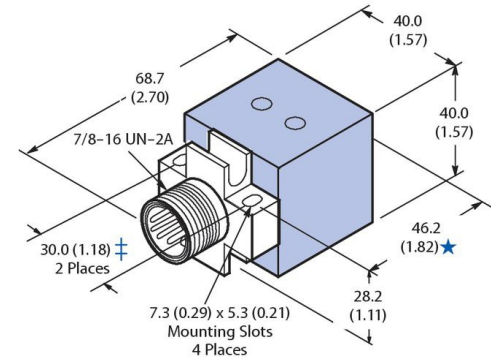
Normally Open or Normally Closed



Note:Load can be switched to pin 2.

Dimensions are shown in mm (in.). Dimensions are not intended to be used for installation purposes.

Mini QD Style



★ With retrofit adaptor, distance from face to mounting holes becomes 60.0 (2.36).
 ‡ With retrofit adaptor, spacing between mounting holes becomes 20.0 (0.79).