

# MINI-BEAM® Series

Complete Line of Industry Standard Sensors



- AC, DC or universal models available
- Infrared or visible red, green, blue or white sensing beam
- Industry standard mounting holes
- Easy push-button TEACH-mode setup available



**Euro-Style**  
Straight connector models listed;  
for right-angle, add **RA** to the end  
of the model number  
(example, **MQDC-406RA**)

4-Pin	5-Pin
<b>MQDC-406</b> 2 m (6.5')	<b>MQDC1-506</b> 2 m (6.5')
<b>MQDC-415</b> 5 m (15')	<b>MQDC1-515</b> 5 m (15')
<b>MQDC-430</b> 9 m (30')	<b>MQDC1-530</b> 9 m (30')



**Micro-Style**  
Straight connector models listed;  
for right-angle, add **RA** to the end  
of the model number  
(example, **MQDC-306RA**)

3-Pin
<b>MQDC-306</b> 2 m (6.5')
<b>MQDC-315</b> 5 m (15')
<b>MQDC-330</b> 9 m (30')



**NAMUR Euro-Style**  
Straight connector models listed;  
for right-angle, add **RA** to the end  
of the model number  
(example, **MQD9-406RA**)

4-Pin
<b>MQD9-406</b> 2 m (6.5')
<b>MQD9-415</b> 5 m (15')

Additional cordset information is available  
See page 758



SMB18A



SMB18FA..



SMB18SF



SMB312B



SMB3018SC

Additional bracket information is available  
See page 722

Reflectors



Additional information is available  
See page 790

Apertures



Additional information is available  
See page 816

12-Pin QD to DB15

Specifications	Style	Dimensions (mm)	Length	Cable Diameter	Model	Pinout
	Straight/ DB15		2.00 m	6.9 mm	P4C06SIM	Female 
			7.00 m		P4C23SIM	
			10.0 m		P4C32SIM	Male 

Used with: P4 to PPSIM

3-Pin Micro-Style

Specifications	Style	Dimensions (mm)	Length	Cable Diameter	Model	Pinout
	Straight		1.83 m	5.20 mm	MQDC-306	Female 
			4.57 m		MQDC-315	
			9.14 m		MQDC-330	
	Right-Angle		1.83 m	5.20 mm	MQDC-306RA	1 = Green 2 = Red/Black 3 = Red/White
			4.57 m		MQDC-315RA	
			9.14 m		MQDC-330RA	

Used with: MINI-BEAM ac, SM2A312 sensors

4-Pin Micro-Style

Specifications	Style	Dimensions (mm)	Length	Cable Diameter	Model	Pinout
<b>Cable:</b> PVC jacket, PUR (polyurethane) connector body <b>Coupling Nut:</b> Nickel-plated brass <b>Conductors:</b> 22 AWG, gold-plated contacts <b>Voltage/Current Rating:</b> 250 V ac/dc, 4.0 A <b>Temperature:</b> -40 to +105 °C <b>Environmental Rating:</b> IP67	Straight		1.83 m	5.70 mm	MQAC-406	Female 
			4.57 m		MQAC-415	
			9.14 m		MQAC-430	
	Right-Angle		1.83 m	5.70 mm	MQAC-406RA	1 = Red/Black 2 = Red/White 3 = Red 4 = Green
			5.00 m		MQAC-415RA	
			9.14 m		MQAC-430RA	

Used with: QS18 ac/dc sensors, Q45 ac series (suffix Q1), S18, M18, T18, Q25, S30, T30 & Q40 ac sensors (suffix Q1), Q60 ac series