

CONTRINEX DW Series Maritime Proximity Sensors



DW-AD-603-M10E-620

M10 - DC

- Maritime approved
- 304 stainless steel construction
- 10-30 VDC

- LED status indicator
- IO-Link v1.0
- · Lifetime warranty









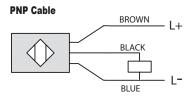




DW Series Maritime Proximity Sensors									
Part Number	Price	Size	Sensing Distance	Mounting	Output State	Logic	Connection	Wiring Diagram	Drawing Link
DW-AD-603-M10E-620	\$295.00	M10	0.6mm [0.02 in]	Flush	N.O.	PNP	3-wire, pigtail, 9.25 in [235mm]	1	PDF
DW-AD-603-M10E-637	\$295.00			Flush	N.O.	PNP	3-wire, pigtail, 5.5 in [140mm]	1	<u>PDF</u>

Wiring Diagram





Connector

M12 connector



CONTRINEXDW Series Maritime Proximity Sensors Specifications

DW Series Maritime Proximity Sensors Specifications						
Sensor	DW-AD-603-M10E-xxx					
Assured Operating Distance	≤ (0.81 x S _n) mm					
Rated Operating Distance	0.6 mm [0.02 in]					
Material Correction Factors	See the Material influence table					
Output Type	PNP, N.O.					
Operating Voltage	10 to 30 VDC					
No-load Supply Current	≤10mA					
Operating (Load) Current	200mA					
Off-state (Leakage) Current	≤ 0.1 mA					
Voltage Drop	≤ 2.0 VDC @200mA					
Switching Frequency	≤ 2.0 kHz					
Differential Travel (% of Nominal Distance)	≤ 15% S _r					
Repeat Accuracy	0.03 mm					
Ripple	≤ 20%					
Operating Pressure	≤ 200 bar					
Reverse Polarity Protection	Yes					
Short-Circuit Protection	Yes					
Operating Temperature (according to UL 70°C)	-25 to 70°C [-13 to 158°F]					
Protection Degree (DIN 40050)	IP68					
Indication/Switch Status	Yellow LED					
Housing Material	304 Stainless steel					
Sensing Face Material	Al ₂ O ₃ (Aluminum oxide)					
Shock/Vibration	IEC 60947-5-2 / 7.4					
Tightening Torque	20 N•m					
Weight	28g [0.98 oz]					
Connection	PUR, 3-wire, pigtail					
IO-Link	v1.0					
Agency Approvals	CE, cULus E239373, DNVGL-CG-0339: 2016					

Note: To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.