



DW-AD-611-C12P



DW-AD-611-C12P-1523

DW Series Inductive Proximity Sensors

12 x 27mm Small Rectangular Plastic - DC

- LED status indicator
- IP67 rated
- 10-30 VDC
- Top or front sensing models
- N.O or N.C.
- IO-Link v1.0 (PNP models only)
- Mounting hardware included
- · Lifetime warranty

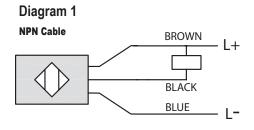


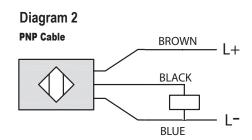


DW Series Inductive Proximity Sensors									
Part Number	Price	Sensing Distance	Mounting	Output State	Logic	Connection	Wiring Diagram	Housing Size	Drawing Link
Top Sensing									
DW-AD-611-C12P	\$22.00	4mm [0.15 in]	Non-flush	N.O.	NPN	3-wire, pigtail, 6.5ft/2m	1	12 x 27 x 6.5 mm	PDF
DW-AD-612-C12P	\$22.00			N.C.	NPN		1		PDF
DW-AD-613-C12P	\$22.00			N.O.	PNP		2		PDF
Front Sensing									
DW-AD-611-C12P-1523	\$22.00	4mm [0.15 in]	Non-flush	N.O.	NPN	3-wire, pigtail, 6.5ft/2m	1	12 x 27 x 12 mm	PDF
DW-AD-612-C12P-1523	\$22.00			N.C.	NPN		1		PDF
DW-AD-613-C12P-1523	\$22.00			N.O.	PNP		2		PDF

Note: Mounting hardware included.

Wiring Diagrams







DW Series Inductive Proximity Sensors Specifications

DW Series Inductive Proximity Sensors Specifications								
Rated Operating Distance	4mm [0.15 in]							
Assured Operating Distance	\leq (0.81 x S _n) mm							
Material Correction Factors	See the Material influence table							
Output Type	NPN or PNP, N.O. or N.C							
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 V							
Switching Frequency	≤ 2,000Hz							
Differential Travel (% of Nominal Distance)	≤ 10% s _r							
Repeat Accuracy	0.2 mm							
Ripple	≤ 20% U _B							
Reverse Polarity Protection	Yes							
Short-Circuit Protection	Yes							
Operating Temperature	-25 to 70°C [-13 to 158°F]							
Protection Degree (DIN 40050)	IP67							
Indication/Switch Status	Yellow LED, sensing state (0 < s ≤ Sr)							
Housing Material	Polycarbonate							
Sensing Face Material	Polycarbonate							
Shock/Vibration	IEC 60947-5-2							
Tightening Torque	≤ 0.4 Nm (for M3 screw)							
Weight	33g [0.63 oz]							
Connection	PVC, 3-wire, pigtail, 6.5 ft [2m]							
IO-Link	v1.0 (PNP models)							
Agency Approvals*	CE, cULus E239373, UKCA							

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