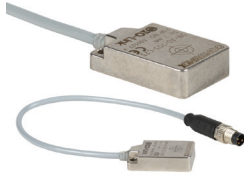


# DW Series 20mm x 32mm Proximity Sensors

## Miniature 20mm x 32mm stainless steel – DC



- Four models available
- Miniature 20mm x 32mm proximity sensor
- Complete overload protection
- IP68/IP69K-rated
- Stainless steel construction

- One-piece for harsh duty applications
- LED status indicator
- Lifetime warranty
- IO-Link models available



DW Series 20mm x 32mm Inductive Prox Selection Chart									
Part Number	Price	Size	Sensing Range	Housing	Output State	Logic	Connection	Wiring	Dimensions
<b>Extended Distance</b>									
DW-AD-701-C23	\$79.00	20mm x 32mm x 8mm	7mm (0.275in)	Shielded	NO	NPN	2m (6.5 ft) axial cable	Diagram 1	Figure 1
DW-AD-703-C23 *	\$79.00					PNP		Diagram 2	Figure 1
DW-AV-701-C23-276	\$79.00					NPN	M8 quick disconnect	Diagram 3	Figure 2
DW-AV-703-C23-276*	\$79.00					PNP		Diagram 4	Figure 2

\*IO-Link model

DW Series Specifications	
	DW-Ax-70x-C23
<b>Mounting Type</b>	Unshielded
<b>Nominal Sensing Distance</b>	7mm
<b>Operating Distance</b>	NA
<b>Material Correction Factors</b>	See the <a href="#">Material influence table</a>
<b>Output Type</b>	NPN or PNP, NO
<b>Operating Voltage</b>	10 to 30 VDC
<b>No-load Supply Current</b>	≤ 10mA
<b>Operating (Load) Current</b>	≤ 200mA
<b>Off-state (Leakage) Current</b>	≤ 0.1 mA
<b>Voltage Drop</b>	≤ 2 V
<b>Switching Frequency</b>	≤ 180 Hz
<b>Differential Travel (% of Nominal Distance)</b>	≤ 10%
<b>Repeat Accuracy</b>	0.3 mm
<b>Ripple</b>	≤ 20%
<b>Time Delay Before Availability (tv)</b>	≤ 20ms
<b>Reverse Polarity Protection</b>	Yes
<b>Short-Circuit Protection</b>	Yes
<b>Operating Temperature</b>	-25 to 85°C (-13 to 185°F)
<b>Protection Degree (DIN 40050)</b>	IP 68 & IP69K
<b>Indication/Switch Status</b>	Yellow LED
<b>Housing Material</b>	Stainless steel
<b>Sensing Face Material</b>	Stainless steel
<b>Shock/Vibration</b>	IEC 60947-5-2/7.4
<b>Tightening Torque</b>	--
<b>Weight</b>	47g (1.66 oz), 25g (0.88 oz)
<b>Connection</b>	2m cable, M8 connection
<b>IO-Link</b>	PNP NO version only
<b>Agency Approvals</b>	CE, cULus E239373

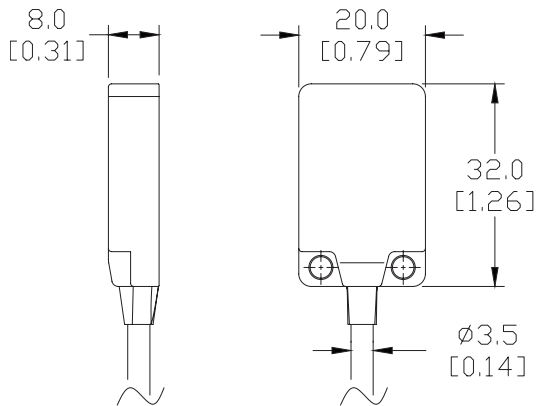
Note: To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

# DW Series 20mm x 32mm Proximity Sensors

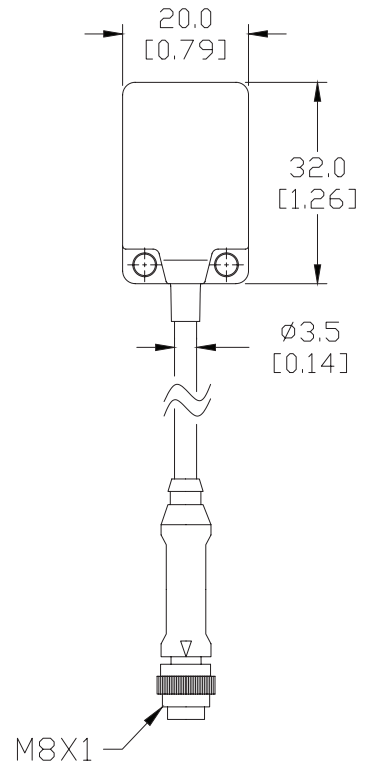
## Dimensions

mm [inches]

**Figure 1**

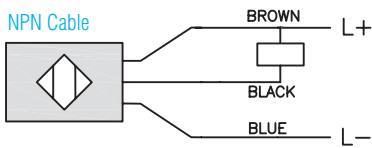


**Figure 2**

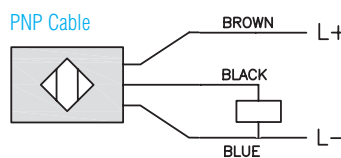


## Wiring diagrams

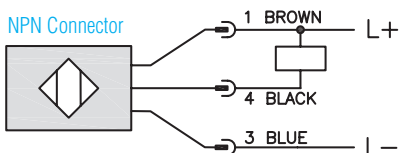
**Diagram 1**



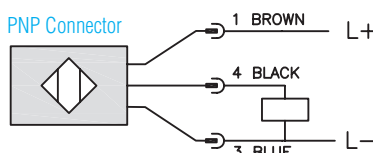
**Diagram 2**



**Diagram 3**



**Diagram 4**



## Connectors



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