Danaher — Timers and Controllers

PXSWLPRCYL2062PRNO3WDCEURO



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The **PXSWLPRCYL2062PRNO3WDCEURO** is a proximity sensor produced by Danaher within the Timers and Controllers series. It is designed to detect metallic targets in automated machinery. The sensor returns a discrete PNP signal to the controller, allowing position confirmation, part presence checking, or stroke-end verification in pneumatic and hydraulic actuators.

The device operates at supply voltages up to **30 VDC** and can switch loads as high as **200 mA**. When the output is open, leakage current is limited to **10 µA**, reducing the risk of false triggering at sensitive PLC inputs. The voltage drop across the output transistor is limited to **2.0 V** at 100 mA, so most of the supply voltage remains available to the load. The sensor supports switching frequencies up to **16 Hz**, which is adequate for typical cylinder cycles. Its three-wire architecture matches common sensor power distribution schemes. The PNP output has a normally open function, meaning the load is connected to the positive rail and energized only when a target is detected. Reverse-polarity protection prevents damage from incorrect wiring, while latching short-circuit protection shuts down the device until power is cycled to protect it against sustained faults.

A sealed cylindrical body withstands hydraulic pressures up to **3000 psi**, and the stainless steel probe measures 2.062 inches in length to reach into manifold cavities. The sensing face reliably detects targets at a nominal distance of **0.080 inches**. Electrical connection is made through a **4-pin Euro connector**, allowing the sensor to be disconnected without rewiring the fixed three-conductor harness. Continuous operation is permitted at ambient temperatures up to **158 °F**, enabling installation on heated tooling or near fluid-power manifolds.

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Specifications

Connector Type:	4-Pin Euro	**Leakage Current:**	10 µA	**Maximum Ambient Temperature:**	158 °F
Maximum Load Current:	200 mA	**Maximum Supply Voltage:**	30 VDC	**Maximum Switching Frequency:**	16 Hz
Nominal Sensing Distance:	0.080 in	**Output Function:**	Normally Open	**Output Type:**	PNP
Pressure Rating:	3000 psi	**Probe Length:**	2.062 in	**Reverse Polarity Protection:**	Yes
Short Circuit Protection:	Latching	**Voltage Drop (100 Ma):**	2.0 V	**Wire Count:**	3
Last Verified:	11/15/2026 7:07 AM				

Contact Us

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Shipping Options

Payment Methods

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