



**Description**

The Redington Model 65 proximity switch has an all-metal housing, nickel plated brass, compact size and a long operating distance, 1.5 mm. The Model 65 has a NEMA 6 & 6P, IP67 rating. Its all-metal housing and sealing makes it ideal for most extreme environmental conditions. The Model 65 has built - in protection for short-circuit protection, polarity reversal and power on reset.

**Features**

- Embeddable mounting
- 5,000 Hz switching frequency
- IP 67 rating
- 10-32 VDC operating range
- LED output state indicator
- 8mm diameter

**Models**

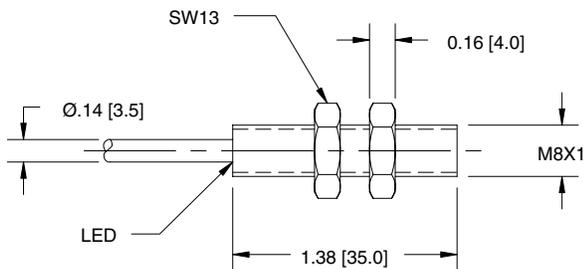
**DW-AD-601-M8**

\* Item is normally in factory stock.

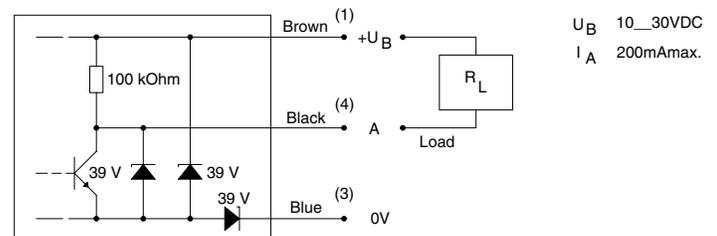
**Specifications**

<b>Supply Voltage:</b>	10-30VDC	<b>Permissible Ripple Content:</b>	≤ 20%
<b>Sensing Range:</b>	0.1" [1.5mm]	<b>No-load Supply Current:</b>	≤ 10mA
<b>Sensor Diameter:</b>	8mm	<b>Output Current:</b>	≤ 200mA
<b>Connection:</b>	PVC cable 6' [2m]	<b>Leakage Current at Output:</b>	≤ 0.1mA
<b>Degree of Protection:</b>	IP67	<b>Voltage Drop, Switched State:</b>	≤ 2.0V
<b>Mounting:</b>	Embeddable	<b>Ambient Temperature Range:</b>	-13°F to 158°F [-25°C to 70°C]
<b>Max. Switching Frequency:</b>	5,000 Hz	<b>Temperature Drift:</b>	≤ 10%
<b>Out-put Status Indicator:</b>	LED	<b>Hysteresis% Sr:</b>	1 to 15% (5% typ.)
<b>Out-put Type:</b>	NPN/N.O. output	<b>Repeat Accuracy:</b>	(IEC 60947-5-2): ≤ 5% Sr
<b>Built-in Protection:</b>	Short-circuit Polarity reversal Power-on reset	<b>Approvals:</b>	CE Compliant

**Dimensions**

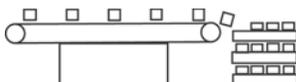


**Wiring Diagram**

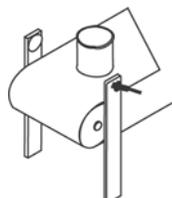


**Applications**

Parts Counting



Object Detection



Tachometer input/gear-tooth profile

