

## Honeywell Sensing and Control

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## HOA1875-002 Transmissive Sensors

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Actual product appearance may vary.

HOA1875 Series Transmissive Sensor, Transistor Output, Metal Can Packaged Components

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### Product Specifications

Series Name	HOA1875
Product Type	IR Switch
On-State Collector Current	0.60 mA
Output	Transistor
Package Type	Side-Looking
Package Components	Metal
Package Color	Black
Forward Current	30 mA
Continuous Forward Current	50 mA
Forward Voltage	1.6 V
Reverse Breakdown Voltage	3 V
Reverse Current	10 $\mu$ A
Housing Material	Polysulfone, Opaque
Rise and Fall Time	15 $\mu$ s
Power Dissipation	75 mW
Operating Temperature	-55 °C to 100 °C [-67 °F to 212 °F]
Dark Current	100 nA
Collector DC Current	30 mA
Collector-Emitter Breakdown Voltage	30 V
Emitter-Collector Breakdown Voltage	5 V
Collector-Emitter Saturation Voltage	0.4 V
Availability	Global
Sensor Aperture	12,70 mm [0.500 in] dia.
Slot Width	5,08 mm [0.200 in]