



## QS30LDB

### ► QS30 SERIES HIGH-PERFORMANCE LONG-RANGE SENSOR



WORLD-BEAM QS30 Series: Laser Diffuse (Class 1)  
B frequency

Range: 400 mm; Input: 10-30 V dc

Output: Bipolar: 1 NPN; 1 PNP

2m (6.5 ft) Cable

Part Number: 88518

#### CERTIFICATIONS



#### SPECIFICATIONS

<b>Sensing Mode (General)</b>	Proximity
<b>Sensing Mode (Detailed)</b>	Diffuse
<b>Housing Style</b>	Rectangular w/M30 Mount
<b>Primary Housing Material</b>	Thermoplastic
<b>Laser Classification</b>	Class 1
<b>Input/Output</b>	Discrete
<b>Max Sensing Range (mm)</b>	400
<b>Outputs</b>	Bipolar (NPN & PNP)
<b>Power Supply/Supply Voltage</b>	10-30 V dc
<b>Connection</b>	2 m Cable
<b>Quick Disconnect Type</b>	No QD

<b>Sensing Beam</b>	Laser
<b>Operation</b>	Light/Dark Operate
<b>Max Op. Temp. (°C)</b>	50
<b>Min Op. Temp. (°C)</b>	-10
<b>Output response time (ms)</b>	0.6
<b>Special Feature: Intrinsically Safe</b>	No
<b>Special Feature: Remote Teach</b>	Yes
<b>Special Feature: Water Detection</b>	No
<b>IP Rating</b>	IP67
<b>Sensing Beam Wavelength</b>	650
<b>Delay at Power-up (ms)</b>	1000
<b>Number of Pins</b>	5
<b>NEMA Rating</b>	NEMA 6
<b>Max Op. Relative Humidity [%]</b>	95% @ 50°C
<b>Lens Material</b>	Acrylic
<b>Adjustments</b>	Teach Button
<b>Barrel Diameter (mm)</b>	30
<b>Indicator</b>	LEDs
<b>Opposed Mode Emitter/Receiver</b>	N/A
<b>Feature: Timing (Hold/Delay)</b>	Yes
<b>Feature: Encapsulated</b>	No
<b>Feature: Hazardous Area</b>	No
<b>Feature: Audible</b>	No



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