



QS18EN6DB

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Expert Series: Diffuse

Range: 500 mm; Input: 10-30V dc

Output: NPN

2 m (6.5 ft) Cable

Part Number: 68745

CERTIFICATIONS













SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Diffuse
Housing Style	Rectangular
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	500
Outputs	NPN
Power Supply/Supply Voltage	10-30 V dc
Connection	2 m Cable
Quick Disconnect Type	No QD
Sensing Beam	Infrared LED

Operation	Light/Dark Operate
Max Op. Temp. (°C)	70
Min Op. Temp. (°C)	-20
Output response time (ms)	0.6
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	Yes
Special Feature: Water Detection	No
IP Rating	IP67
Delay at Power-up (ms)	100
Repeatability (µs)	75
Number of Pins	4
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	PMMA
Adjustments	Teach Button
Barrel Diameter (mm)	N/A
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
Feature: Timing (Hold/Delay)	Yes
Feature: Encapsulated	No
Feature: Hazardous Area	No
Feature: Audible	No
Feature: Chemical Resistant	No
IO Link	No

RECOMMENDED PRODUCTS

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

	<p>SMB312S</p> <p>Bracket: Side Mounting; Material: Stainless Steel 2-axis</p>
	<p>SMBQS18Y</p> <p>SMBQS18Y MOUNTING BRACKET ASSY</p>
	<p>SMBQS18A</p> <p>SMBQS18A MOUNTING BRACKET ASSY</p>
	<p>SMB30SUS</p> <p>Bracket: Side Mounting Swivel; Extended range of motion; Black thermoplastic polyester; Allows Maximum Articulation</p>
	<p>SMB46L</p> <p>Bracket: L; Material: 14 Gauge 316 Stainless Steel</p>
	<p>SMB46U</p> <p>Bracket: U; Material: 14 Gauge 316 Stainless Steel</p>
	<p>SMBQS18RA</p> <p>SMBQS18RA MOUNTING BRACKET</p>
	<p>SMB4050YL</p> <p>SMB4050YL MOUNTING BRACKET ASSY W/REPLACEABLE LENS COVER</p>
	<p>SMB46S</p> <p>Bracket: S; Material: 14 Gauge 316 Stainless Steel</p>
	<p>SMBQS18DIN</p> <p>SMBQS18DIN MOUNTING BRACKET ASSY</p>



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