



QS18EN6DQ7

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Expert Series: Diffuse

Range: 800 mm; Input: 10-30V dc

Output: Complementary Solid State NPN

Integral Pico-Style Quick-Disconnect Connector

Part Number: 72006

CERTIFICATIONS



SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Diffuse
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	800
Outputs	NPN
Power Supply/Supply Voltage	10-30 V dc
Connection	Integral QD
Quick Disconnect Type	M8 (Pico)
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)	18
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

SINGLE ENDED CORDSETS

	<p>PKG4-2</p> <p>Pico-style Quick Disconnect Cable; 4 Pin Straight Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling</p>
	<p>PKW4Z-2</p> <p>Pico-style Quick Disconnect Cable; 4 Pin Right Angle Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling</p>

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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