



QS18VN6DLQ7

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Diffuse
Range: 600 mm; Input: 10 - 30 V dc
Output: Complementary Solid State NPN
Pico Integral Quick-Disconnect
Part Number: 800765

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)	600
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)	0.85
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67
Sensing Beam Wavelength	940
Delay at Power-up (ms)	100
Repeatability (µs)	90
Number of Pins	4
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	Acrylic
Adjustments	Potentiometer
Barrel Diameter (mm)	18
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
Feature: Timing (Hold/Delay)	No
Feature: Encapsulated	No
Feature: Hazardous Area	No
Feature: Audible	No
Feature: Chemical Resistant	No
IO Link	No

RECOMMENDED PRODUCTS

SINGLE ENDED CORDSETS

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

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

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



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