



QS18VN6AFF40Q

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM: Adjustable Field Foreground Suppression

Cutoff Adjustment Range: 15 to 40mm; Input:10-30V dc

Outputs: Complementary NPN

6 in. Pigtail PICO-Style Pigtail QD Connector

Part Number: 12181

CERTIFICATIONS



SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Foreground Suppression (Adjustable)
Housing Style	Rectangular
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	40
Outputs	NPN
Power Supply/Supply Voltage	10-30 V dc
Connection	Pigtail QD
Quick Disconnect Type	M8 (Pico)
Sensing Beam	Visible Red LED

Operation	Light/Dark Operate
Max Op. Temp. (°C)	55
Min Op. Temp. (°C)	-20
Output response time (ms)	2.5
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67
Delay at Power-up (ms)	200
Repeatability (µs)	250
Number of Pins	4
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	Acrylic
Adjustments	Mechanical Screw
Barrel Diameter (mm)	N/A
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

	SMB18A Bracket: 18 mm Right Angle-mount; Material: 11 Gauge Stainless Steel; Curved mounting slot for versatility/orientation ; Clearance for M4 #8 hardware
	SMBQS18AF SMBQS18AF MOUNTING BRACKET ASSY



Banner Engineering Corp. | 9714 Tenth Avenue North | Minneapolis, MN 55441 | United States of America