



# QS18EN6CV45-97156

► PRODUCTS FOR INDUSTRIAL AUTOMATION

**ALERT:** This part is obsolete. Contact Banner Engineering for information about selecting a suitable replacement.



WORLD-BEAM QS18 Expert Series: Convergent  
Range: 43 mm; Input: 10-30 V dc  
Output: NPN  
72 in cable RJ12 connector  
Part Number: 97156



SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Convergent
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	43
Outputs	NPN

<b>Power Supply/Supply Voltage</b>	10-30 V dc
<b>Connection</b>	2 m Cable
<b>Quick Disconnect Type</b>	Modular 6P4C
<b>Sensing Beam</b>	Visible Red LED
<b>Operation</b>	Light/Dark Operate
<b>Max Op. Temp. (°C)</b>	70
<b>Min Op. Temp. (°C)</b>	-20
<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>Delay at Power-up (ms)</b>	100
<b>Repeatability (µs)</b>	75
<b>Number of Pins</b>	4
<b>NEMA Rating</b>	NEMA 6
<b>Max Op. Relative Humidity [%]</b>	95% @ 50°C
<b>Lens Material</b>	PMMA
<b>Adjustments</b>	Teach Button
<b>Barrel Diameter (mm)</b>	18
<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
<b>Feature: Chemical Resistant</b>	No
<b>IO Link</b>	No



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