



## QS18EN6CV45-97155

### ▶ 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**ALERT:** This part is obsolete.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 HD15 connector

Part Number: 97155



### SPECIFICATIONS

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

<b>Power Supply/Supply Voltage</b>	10-30 V dc
<b>Connection</b>	2 m Cable
<b>Quick Disconnect Type</b>	Special
<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



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