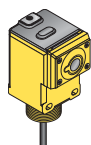


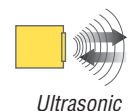
U-GAGE™ Analog Q45UR Remote Ultrasonic Sensors

Piezoelectric Analog Proximity Mode Sensors with Push Button or Remote Programming of Sensing Window






Analog Q45UR Series Features

- Ultrasonic ranging from 50 to 250 mm (2" to 10")
- Push-button TEACH-mode programming of sensing window limits
- Window limits may be set in two ways: by individually setting the near and far window limits, or by programming a set point to be centered within a 5-mm sensing window.
- Digital filtering for exceptional immunity to random electrical and acoustic "noise"
- Selectable 0 to 10V dc voltage sourcing or 4 to 20mA current sourcing analog outputs
- Selectable output slope: positive or negative with increasing target distance
- Wide operating temperature range of -25° to +70°C; all models include temperature compensation
- Rugged design for use in demanding sensing environments; rated IEC IP67, NEMA 6P (controller), IP65 (sensor)
- Choose models with integral 2 m (6.5') or 9 m (30') cable, or with Mini-style or Euro-style quick disconnect fitting
- Choose from 3 remote sensors: 18 mm threaded-barrel models in either stainless steel or molded PBT polyester, and a molded flat-pak model
- Remote sensors connect to controller via an integral 2 m (6.5') cable
- Input for remote TEACH-mode programming of window limits
- 0.10 mm resolution (0.004")
- Kit includes both controller and sensor; components also sold separately
- Response time is adjustable from 10 to 320 milliseconds



Q45UR Series Ultrasonic Sensor Models

Kit Models	Kit Includes Controller Model	Controller Cable*	Controller Output	Supply Voltage	Kit Includes Sensor Model	Sensor Range
Q45UR3LIU64CK Q45UR3LIU64CQK Q45UR3LIU64CQ6K	Q45UR3LIU64C Q45UR3LIU64CQ Q45UR3LIU64CQ6	2 m (6.5') 5-Pin Mini QD 5-Pin Euro QD	Selectable 0-10V dc or 4-20mA Sourcing	15-24V dc	 M18C2.0 Stainless Steel Barrel	50 to 250 mm (2" to 10")
Q45UR3LIU64CKQ Q45UR3LIU64CQKQ Q45UR3LIU64CQ6KQ	Q45UR3LIU64C Q45UR3LIU64CQ Q45UR3LIU64CQ6	2 m (6.5') 5-Pin Mini QD 5-Pin Euro QD			 Q13C2.0 Flat-Pak	
Q45UR3LIU64CKS Q45UR3LIU64CQKS Q45UR3LIU64CQ6KS	Q45UR3LIU64C Q45UR3LIU64CQ Q45UR3LIU64CQ6	2 m (6.5') 5-Pin Mini QD 5-Pin Euro QD			 S18C2.0 Molded Barrel	

*NOTES:

- 9 m (30') cables are available by adding suffix "W/30" to the model number of any cabled sensor (e.g., Q45UR3LIU64CK W/30).
- A model with a QD connector requires a mating cable; see page 9.