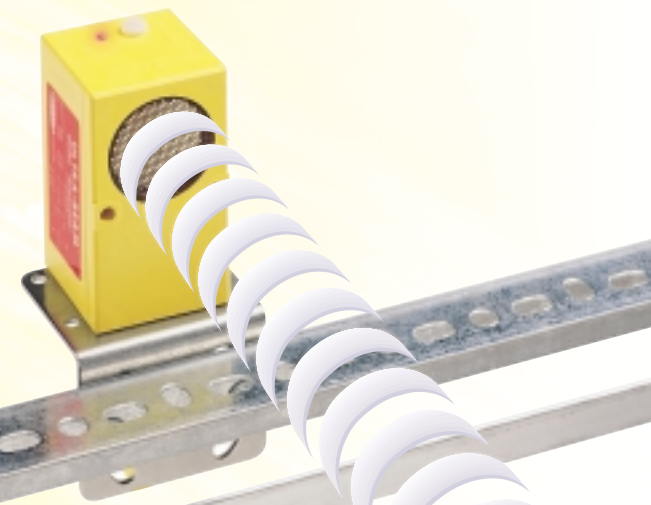


ULTRA-BEAM™: Low cost AC & DC, long range sensors

U-GAGE™



Long 0.5 to 6 m range.

(20" to 20')

Electrostatic transducer provides economical, reliable, close or long-distance sensing independent of color or texture of the target object. Adjustable sensing window in analog output units can be 300 mm to 5.6 m (12" to 18') wide and adjusted using NULL and SPAN adjustments on top of the unit.

Rugged construction.

Electrostatic transducer with metal mesh protective screen. Housing is molded VALOX® with epoxy-encapsulated circuitry, meeting many sensing requirements, rated NEMA 1, 3, and 12.



Switched electromechanical or analog outputs.

Switched unit has simple range adjustment to limit response to background objects. Analog units offer 0 to +10V dc sourcing and 0 to 20mA dc sinking outputs, positive or negative slope, and are easily interfaced to variable speed DC drives, microprocessors and PLCs.

AC & DC Voltage inputs.

Choose models for 18-30V dc, 105-130V ac, or 210-260V ac operation. All models utilize mini-style quick disconnect cables.





ULTRA-BEAM Sensor Models

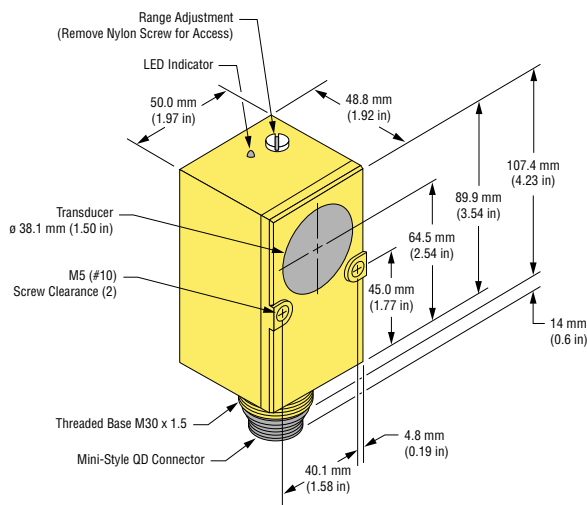
Models	Range	Cable*	Supply Voltage	Output Type
SU925QD-24	500 mm to 6 m (20" to 20')	5-pin Mini QD	18 to 30V dc	SPDT E/M Relay
SUA925QD			105 to 130V ac	
SUB925QD			210 to 250V ac	
SU923QD		4-pin Mini QD	18 to 30V dc	Analog 0-10V dc or 0-20 mA
SUA923QD		5-pin Mini QD	105 to 130V ac	
SUB923QD		5-pin Mini QD	210 to 250V ac	

* Models with a QD connector require a mating cable (page 36).

U-GAGE™

ULTRA-BEAM Specifications	
Analog resolution or discrete repeatability	0.5% of sensing distance
Linearity	1% of full scale range
Response speed	100 ms
Temperature effect	0.2% of sensing distance/ deg. C
Environmental rating	IP54, NEMA 12
Data sheet reference	Discrete AC: 03420 Discrete DC: 03535 Analog: 03488
Download at www.baneng.com	

ULTRA-BEAM Sensor with Switched Output



ULTRA-BEAM Sensor with Analog Output

