

# ON SENSORS

Part Number	ID Number	Drawing
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BIM-UNT, Potted-in cable, 2M and 7M PUR cable		
BIM-UNT-AP6X	S4685720	1
BIM-UNT-AN6X	S4685702	1
BIM-UNT-AP6X 7M	S4685721	1
BIM-UNT-AN6X 7M	S4685701	1

BIM-UNT, M8 picofast® quick-disconnect pigtail, 0.3M PUR cable		
BIM-UNT-AP6X-0.3M-PSG 3S	S4685722	2
BIM-UNT-AN6X-0.3M-PSG 3S	S4685705	2

BIM-UNT, M8 picofast® threaded pigtail, 0.3M PUR cable		
BIM-UNT-AP6X-0.3M-PSG 3M	S4685723	3
BIM-UNT-AN6X-0.3M-PSG 3M	S4685706	3

BIM-UNT, M12 eurofast® quick-disconnect pigtail, 0.3M PUR cable		
BIM-UNT-AP6X-0.3M-RS 4T	S46857260	4

BIM-UNT Dually, M12 eurofast® threaded pigtail, 0.2M PUR cable		
BIM-UNT-2AP6X-0.2M-RSC 4.4T	S4685891	5

BIM-UNR, Potted-in cable, 2M and 7M PUR cable		
BIM-UNR-AP6X W/M	S4685842	6
BIM-UNR-AN6X W/M	S4685847	6
BIM-UNR-AN6X 7M W/M	S4685851	6
BIM-UNR-AP6X 7M W/M	S4685846	6

BIM-UNR, M8 picofast® quick-disconnect pigtail, 0.3M PUR cable		
BIM-UNR-AP6X-0.3M-PSG 3S W/M	S4685843	7
BIM-UNR-AN6X-0.3M-PSG 3S W/M	S4685848	7

BIM-UNR, M8 picofast® threaded pigtail, 0.3M PUR cable		
BIM-UNR-AP6X-0.3M-PSG 3M W/M	S4685844	8
BIM-UNR-AN6X-0.3M-PSG 3M W/M	S4685849	8

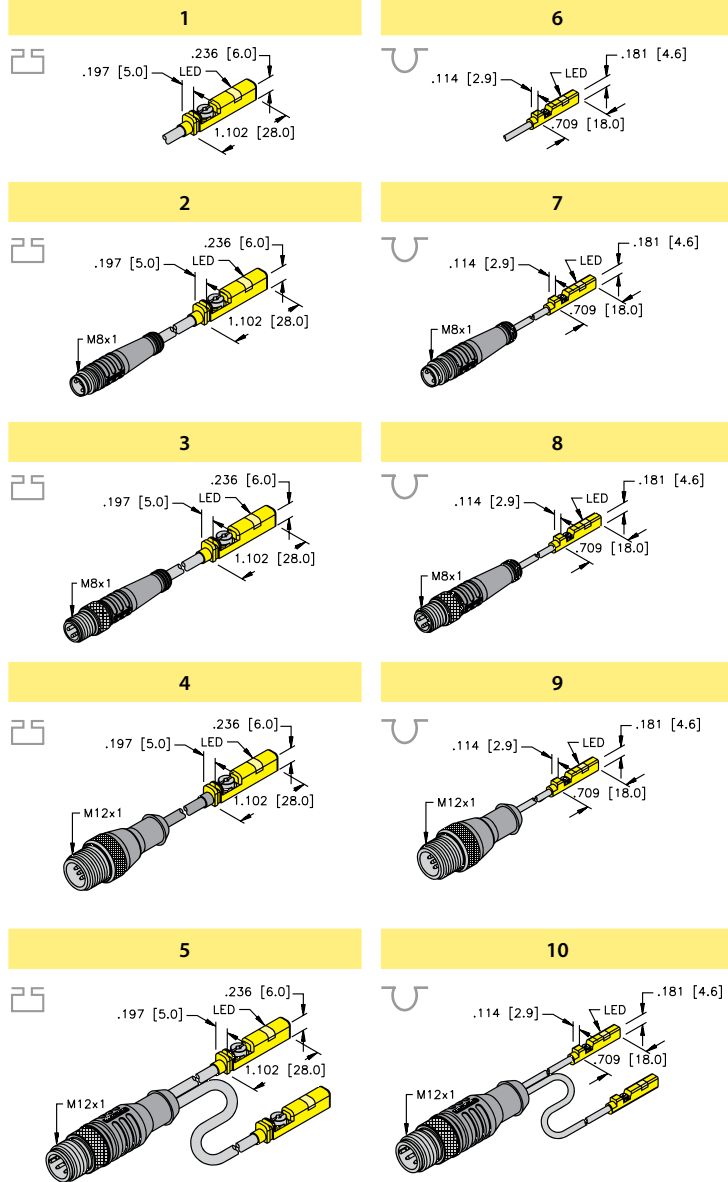
BIM-UNR, M12 eurofast® threaded pigtail, 0.3M PUR cable		
BIM-UNR-AP6X-0.3M-RS 4T W/M	S4685845	9
BIM-UNR-AN6X-0.3M-RS 4T W/M	S4685850	9

BIM-UNR Dually, M12 eurofast® quick-disconnect pigtail, 0.2M PUR cable		
BIM-UNR-2AP6X-0.2M-RSC 4.4T	S4685899	10

### Technical Specifications:

Ambient Temperature:	-25° to +70°C (-13° to 158°F)
Operating Voltage:	10-30 VDC
Ripple $V_{pp}$ :	$\leq 10\% U_{ss}$
No-load Current $I_o$ :	$\leq 15$ mA
Off-state Current:	$\leq 0.1$ mA
Switching Frequency:	UNT: $\leq 1$ kHz; UNR: $\leq 0.3$ kHz
Rated Operating Current:	UNT: DC $\leq 150$ mA; UNR: DC $\leq 100$ mA
Output Function:	3-wire, N.O., PNP/NPN

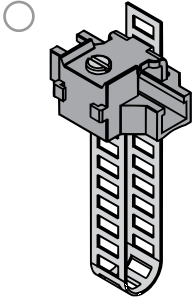
### Dimensional Drawings



Short-circuit Protection:	Yes / Cyclic
Voltage Drop $I_e$ :	$\leq 1.8$ V
Vibration Resistance:	55 Hz (1mm)
Shock Resistance:	30 g (11 ms)
Degree of Protection:	IP67
Overtravel Speed:	UNT: 10 m/s; UNR: 3 m/s
Wire-break/ Reverse Polarity Protection:	Yes
weldguard Protection:	Yes, add "/S1589" to part number

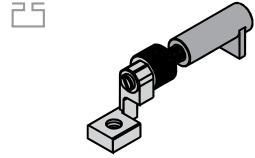
## Mounting Accessories

### KLRC-UNT\*

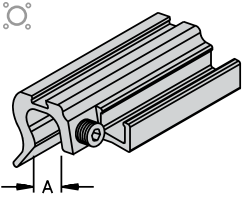


Part Number	Cylinder Diameter
KLRC-UNT1	.315-0.984 in [8-25 mm]
KLRC-UNT2	.984-2.480 in [25-63 mm]
KLRC-UNT3	2.480-5.118 in [63-130 mm]

### UNT-Adjusting Bracket



### KLZ\*-INT

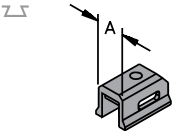


Part Number	Tie Rod Diameter 'A'
KLZ1-INT	.295 in [7.5 mm]
KLZ2-INT	.374 in [9.5 mm]
KLZ3-INT	.433 in [11.0 mm]

### UNT-Stopper



### KLDT-UNT\*

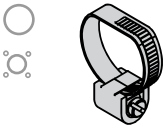


Part Number	Groove Width 'A'
KLDT-UNT2	.276 in [7.0 mm]
KLDT-UNT3	.370 in [9.4 mm]
KLDT-UNT4	.453 in [11.5 mm]
KLDT-UNT5	.496 in [12.6 mm]

### UNT (INT) Cable Clip



### ASB-\*



Part Number	Cylinder Diameter
ASB-1 STRAP	.276-.433 in [7-11 mm]
ASB-2 STRAP	.433-.748 in [11-19 mm]
ASB-3 STRAP	.709-1.142 in [18-29 mm]
ASB-4 STRAP	1.102-1.535 in [28-39 mm]
ASB-5 STRAP	1.496-1.929 in [38-49 mm]
ASB-6 STRAP	1.890-2.323 in [48-59 mm]
ASB-7 STRAP	2.283-2.717 in [58-69 mm]
ASB-8 STRAP	2.677-3.110 in [68-79 mm]
ASB-9 STRAP	3.071-3.504 in [78-89 mm]

### KLR-2UNR

