

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

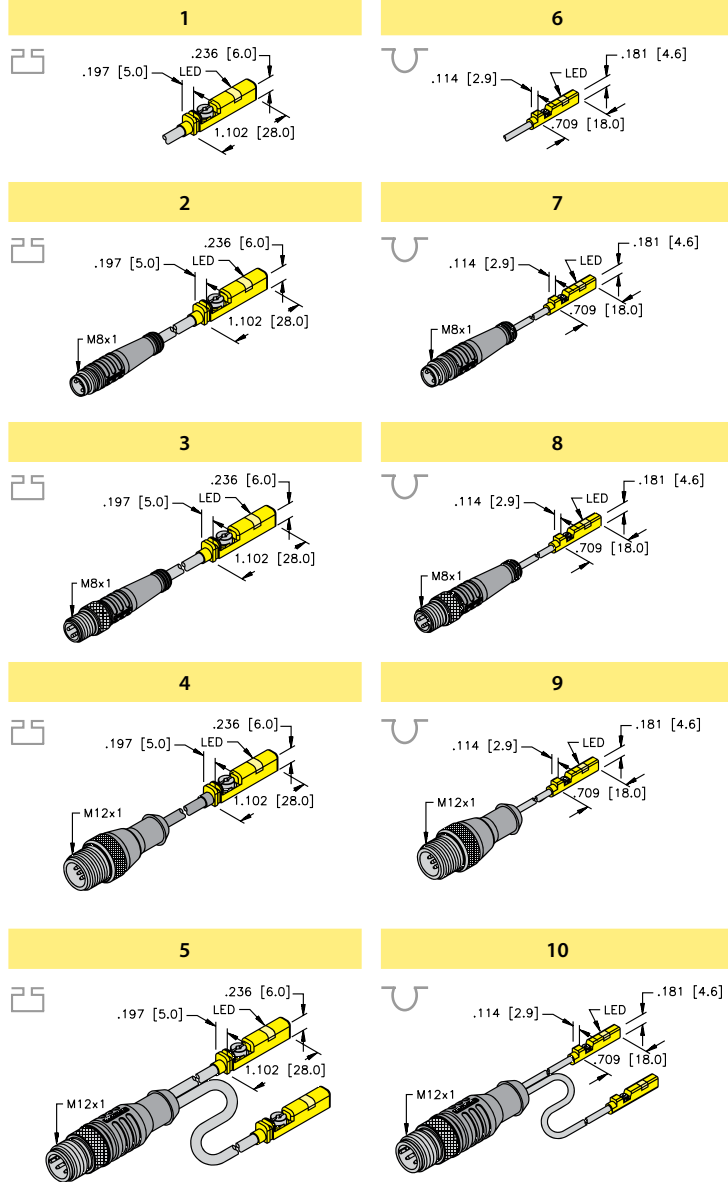
BIM-UNR, M12 eurofast® threaded pigtail, 0.3M PUR cable		
BIM-UNR-AP6X-0.3M-RS 4T W/M	S4685845	9
BIM-UNR-AN6X-0.3M-RS 4T W/M	S4685850	9

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 :	≤ 15 mA
Off-state Current:	≤ 0.1 mA
Switching Frequency:	UNT: ≤ 1 kHz; UNR: ≤ 0.3 kHz
Rated Operating Current:	UNT: DC ≤ 150 mA; UNR: DC ≤ 100 mA
Output Function:	3-wire, N.O., PNP/NPN

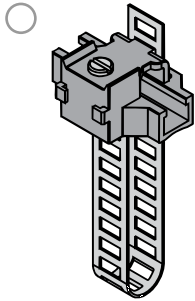
Dimensional Drawings



Short-circuit Protection:	Yes / Cyclic
Voltage Drop I_e :	≤ 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

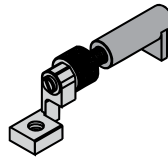
Mounting Accessories

KLRC-UNT*

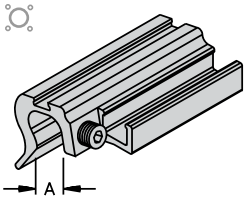


Part Number	Cylinder Diameter
KLRC-UNT1	.315-0.984 in [8-25 mm]
KLRC-UNT2	.984-2.480 in [25-63 mm]
KLRC-UNT3	2.480-5.118 in [63-130 mm]

UNT-Adjusting Bracket

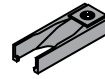


KLZ*-INT

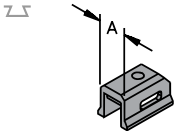


Part Number	Tie Rod Diameter 'A'
KLZ1-INT	.295 in [7.5 mm]
KLZ2-INT	.374 in [9.5 mm]
KLZ3-INT	.433 in [11.0 mm]

UNT-Stopper



KLDT-UNT*

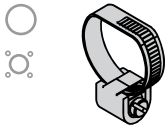


Part Number	Groove Width 'A'
KLDT-UNT2	.276 in [7.0 mm]
KLDT-UNT3	.370 in [9.4 mm]
KLDT-UNT4	.453 in [11.5 mm]
KLDT-UNT5	.496 in [12.6 mm]

UNT (INT) Cable Clip

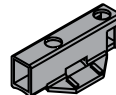


ASB-*



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



USA

TURCK Inc.
3000 Campus Drive
Minneapolis, MN 55441
Phone: (763) 553-7300
Fax: (763) 553-0708
Application Support:
1-800-544-7769



MEXICO

TURCK MEXICO S. DE R.L. DE C.V.
Carr. Saltillo-Zacatecas km 4.5 s/n
Parque Industrial "La Angostura"
Saltillo, COAH. C.P. 25070
Mexico
Phone: +52 (844) 411-6647/46
Fax: +52 (844) 482-6926
Local Toll Free: 01-800-01-88725
E-mail: ventasmexico@turck.com



CANADA

CHARTWELL AUTOMATION, INC.
140 Duffield Drive
Markham, Ontario
Canada, L6G 1B5
Phone: (905) 513-7100
Fax: (905) 513-7101
Toll Free: 1-877-513-7769



GERMANY

WORLD HEADQUARTERS
Hans TURCK GmbH & Co. KG
Witzlebenstrasse 7
D-45472 Muelheim an der Ruhr
Federal Republic of Germany
Phone: (+49) 208-49 52-0
Fax: (+49) 208-49 52 264



AUSTRALIA

TURCK Australia Pty. Ltd.
Unit 5, 6-7 Gilda Court
Mulgrave, Victoria 3170
Australia
Phone: (+61) 3 9560 9066
Fax: (+61) 3 9560 1620
Local Toll Free: 1300 132566
E-mail: turckaustralia@turck.com

www.turck.com

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