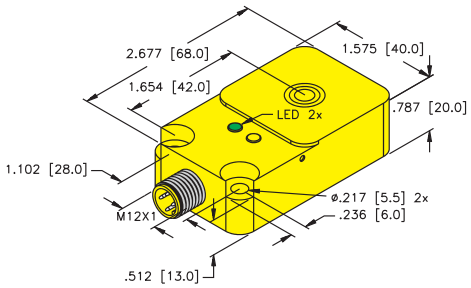
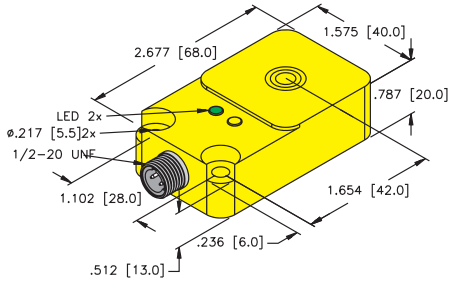
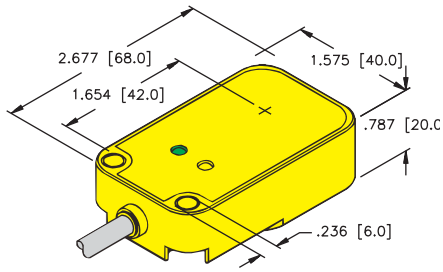
Inductive
Rectangular Sensors



Housing Style - Rectangular	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output
20 mm - Embeddable/Nonembeddable, *eurofast*® Connector 	Bi15U-Q20-AN6X2-H1141	M1608610	***Uprox***	•	15	**3-Wire DC NPN**
	Bi15-Q20-AN6X2-H1141	M1608315		•	15	
	Ni25-Q20-AN6X2-H1141	M1602802			25	
	Bi15U-Q20-AP6X2-H1141	M1608600	***Uprox***	•	15	**3-Wire DC PNP**
	Bi15-Q20-AP6X2-H1141	M1608305		•	15	
	Ni25-Q20-AP6X2-H1141	M1602702			25	
	Bi15-Q20-YOX-H1141	M1080025		•	15	**2-Wire NAMUR**
20 mm - Embeddable, *microfast*® Connector 	Bi15-Q20-ADZ32X2-B3131	M4256251		•	15	**2-Wire AC/DC Short-Circuit Protected**
20 mm - Embeddable, Potted-In Cable 	Bi22-Q20-RN6X2/S400-S946	M4690237		•	22	**3-Wire DC NPN**
	Bi22-Q20-RP6X2/S400-S946	M4690236		•	22	**3-Wire DC PNP**

/S400-S946 = LEDs on back side.

For detailed sensor specifications see Section M.
Normally Closed versions available upon request, consult factory.

TURCK mold-on connectors available on all cable sensors. See page M25.



Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection	Housing	Front Cap/ Face	Power LED	Output LED	Mating Cord, Cable Length /Jacket	Wiring Diagram #
10-30 VDC	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	RK 4T-*	1
	250	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	RK 4T-*	1
	250	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	RK 4T-*	1
10-30 VDC	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	RK 4T-*	2
	250	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	RK 4T-*	2
	250	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	RK 4T-*	2
5-30 VDC	1000	Remote	-25 to +70	IP 67	PBT	PBT	N/A	YE	RK 4.21T-*	3
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	PBT	PBT	GN	YE	KB 3T-*	4
10-30 VDC	250	≤200	-40 to +70	IP 67	PBT	PBT	GN	YE	RK 4T-*	5
10-30 VDC	250	≤200	-40 to +70	IP 67	PBT	PBT	GN	YE	RK 4T-*	6

Wiring Diagrams

Diagram 1

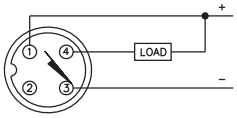


Diagram 2

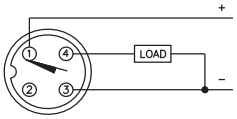


Diagram 3

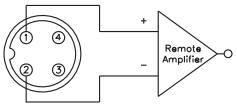


Diagram 4

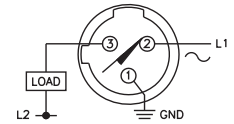


Diagram 5

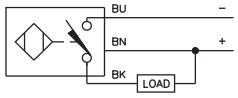
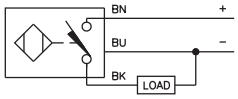


Diagram 6



For material descriptions see page M36.

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TURCK:

BI 5-M18-Y1X-H1141 NI30U-M30-AN6X-H1141 BIM-IKT-AP6X MFKS 3-1 TX1-Q20L60 BI30U-CP40-AP6X2 BI4-M12-AN6X-H1141 Bi 8U-M18-AP6X C4-A40FX/024VDC NI 4U-Q8SE-AP6X NI 8U-M12-AN6X-H1141 BC5-Q08-AP6X2-V1131 BI10-M30-AP6X-H1141 NI10U-M12E-AP6X-H1141 NI10-G18-AZ3X-B1431 50MM NI12U-S18-AP6X BI10U-Q14-AP6X2-V1131 BIM-IKM-AP6X2-H1141/S34 W/KLI-3 BIM-UNT-AP6X-0.3-PSG3M Bi5-G18-Y1X RKM 30-2M NI100U-K90SR-VP4X2-H1141 RKC8T-2/TXL 6936233 IM33-11EX-HI/24VDC C9-A41BX/024VADC FS 4.4-0.5/14.5/NPT IM31-22EX-I NI10U-M12-AP6X RK 4T-4/S618