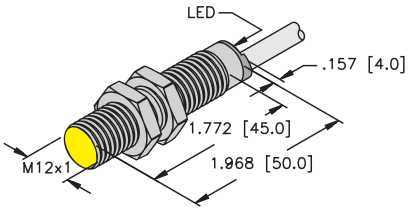
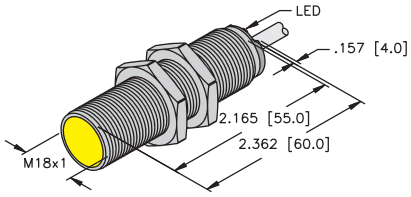
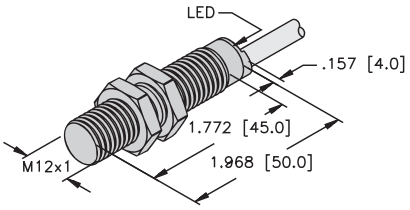
Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
12 mm - Embeddable, Potted-In Cable 	Bi 2-M12-AD4X	T4405000		2	**2-Wire DC**
	Bi 3-M12-AD4X	T4405035	***Ext. Range***	3	
	Bi 3U-EM12-AN6X	M1634320	**Uprox**	3	**3-Wire DC NPN**
	Bi 3U-M12-AN6X	M1634120	***Uprox***	3	
	Bi 4-M12-AN6X	T4607130	***Ext. Range***	4	
	Bi 4U-M12-AN6X	M1634823	***Uprox***	4	
	Bi 2-M12-AP6X	T4605000		2	**3-Wire DC PNP**
	Bi 2-M12-AP6X/S100	M4605003	***High Temp. 100°C***	2	
	Bi 3U-EM12-AP6X	M1634300	***Uprox***	3	
	Bi 3U-M12-AP6X	M1634100	***Uprox***	3	
	Bi 4-M12-AP6X	T4607006	***Ext. Range***	4	
	Bi 4U-M12-AP6X	M1634803	***Uprox***	4	
	Bi 2-M12-VN6X	T1640200	***Comp. Output***	2	**4-Wire DC NPN**
	Bi 4-M12-VN6X	T1643300	***Ext. Range, Comp. Output***	4	
	Bi 2-M12-VP6X	T1630200	***Comp. Output***	2	**4-Wire DC PNP**
	Bi 4-M12-VP6X	T1633300	***Ext. Range, Comp. Output***	4	
12 mm - Embeddable, Potted-In Cable 	Bi 2-EM12-ADZ32X	T4205092		2	**2-Wire AC/DC Short-circuit Protected**
12 mm - Embeddable, Potted-In Cable, PTFE Coated 	Bi 2U-MT12-ADZ32X	M4205100	***Uprox***	2	**2-Wire AC/DC Short-circuit Protected**

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	Face	End Cap	Power LED	Output LED	Cable Length /Cable Mat.	Wiring Diagram #
10-65 VDC	1000	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1
	1000	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1
3-Wire DC NPN	3000	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	2
	3000	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2
	2000	≤200	-30 to +85	IP 68	CPB	LCP	EPTR	N/A	YE	2M/PVC	2
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3
	2000	≤200	-25 to +100	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3
	3000	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	3
	3000	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3
	2000	≤200	-30 to +85	IP 68	CPB	LCP	EPTR	N/A	YE	2M/PVC	2
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	4
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	4
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	SS	PA 12	EPTR	N/A	YE	2M/PVC	6
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	TC	TC	EPTR	N/A	YE	2M/PVC	6

Wiring Diagrams

Diagram 1

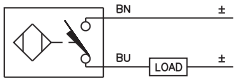


Diagram 2

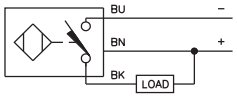


Diagram 3

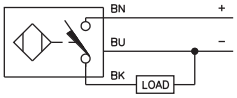


Diagram 4

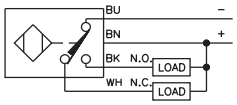


Diagram 5

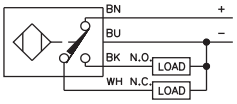
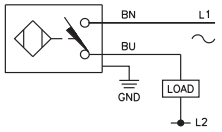


Diagram 6



For material descriptions see page M36.