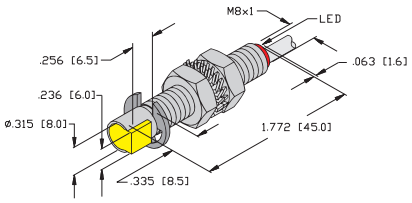
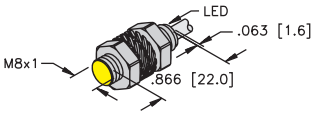
Inductive Sensors





Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
8 mm - Embeddable, Miniature Threaded Barrel, Side Sensing, Potted-In Cable 	Bi 1.5-GS880-AN6X	S4604501	***Side Sensing***	1.5	**3-Wire DC NPN**
	Bi 1.5-GS880-AP6X	S4604401	***Side Sensing***	1.5	**3-Wire DC PNP**
	Bi 1.5-GS880-Y0	S1004401	***Side Sensing***	1.5	**2-Wire DC NAMUR**
8 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable 	Bi 2-EG08K-AG41X	S4562010		2	**2-Wire DC**
	Bi 2-EG08K-AG41X/S1589	S4562091	***weldguard®***	2	
	Bi 2-EG08K-AG41X/S1610	S4562096	**armorguard**	2	
	Bi 1.5-EG08K-AN6X	S4669140	***Short Barrel***	1.5	**3-Wire DC NPN**
	Bi 2-EG08K-AN6X	S4669500	***Short Barrel***	2	
	Bi 2-EG08K-AN6X/S1589	S4669587	**weldguard**	2	
	Bi 2-EG08K-AN6X/S957*	S4669503	**Flush Mount**	2	
	Bi 1.5-EG08K-AP6X	S4669040	***Short Barrel***	1.5	**3-Wire DC PNP**
	Bi 2-EG08K-AP6X	S4669400	***Short Barrel***	2	
	Bi 2-EG08K-AP6X/S957*	S4669453	**Flush Mount**	2	
	Bi 2-EG08K-AP6X/S97	S4669413	**Low Temp.**	2	
	Bi 1.5-EG08K-AP6/S100	S4669016	**High Temp. 100°C**	1.5	
	Bi 2-EGT08K-AP6X	S4602541		2	
	Bi 2-EGT08K-AP6X/S100	S4602544	**High Temp. 100°C**	2	
	Bi 2-EGT08K-AP6X/S1589	S46025413	**SS, PTFE, *weldguard***	2	
	Bi 1.5-EG08K-Y1	S1003600	***Short Barrel***	1.5	**2-Wire DC NAMUR**

* Full flush mounting in steel without reducing 2 mm sensing range.

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 #
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	TROG	N/A	N/A	2M/PVC	3
10-55 VDC	1000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	4
	1000	≤100	-25 to +70	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	4
	1000	≤100	-25 to +70	IP 67	AG	WG	TROG	N/A	YE	2M/PUR	4
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1
	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1
	3000	≤150	-25 to +70	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	1
	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2
	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2
	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2
	3000	≤150	-40 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2
	3000	≤150	-25 to +100	IP 67	SS	EPTR	TROG	N/A	YE	2M/PUR	2
	3000	≤150	-25 to +70	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	2
	3000	≤150	-25 to +100	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	2
	3000	≤150	-25 to +70	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	2
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	TROG	N/A	N/A	2M/PVC	3

Wiring Diagrams

Diagram 1

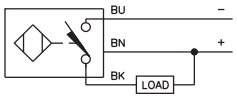


Diagram 2

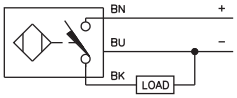


Diagram 3

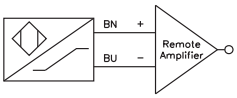
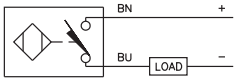


Diagram 4



For material descriptions see page M36.