

Inductive
Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
5 mm - Embeddable, Side Sensing, Miniature Smooth Barrel, Potted-In Cable 	Bi 1-HS540-AN6X	S4604101	Side Sensing	1	3-Wire DC NPN
	Bi 1-HS540-AP6X	S4604001	Side Sensing	1	3-Wire DC PNP
	Bi 1-HS540-Y1	S1004001	Side Sensing	1	2-Wire DC NAMUR
8 mm - Embeddable, Side Sensing, Miniature Smooth Barrel, Potted-In Cable 	Bi 1.5-HS865-AN6X	S4604301	Side Sensing	1.5	3-Wire DC NPN
	Bi 1.5-HS865-AP6X	S4604201	Side Sensing	1.5	3-Wire DC PNP
	Bi 1.5-HS865-Y1	S1004201	Side Sensing	1.5	2-Wire DC NAMUR

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 #	Wiring Diagrams
10-30 VDC	3000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p>Diagram 1</p>
10-30 VDC	3000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	<p>Diagram 2</p>
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	TROG	N/A	N/A	2M/PVC	3	<p>Diagram 3</p>
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p>Diagram 3</p>
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	

Barrels



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
3 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable 	Bi 1-EH03-AN7X*	M1619323	TTL Compatible	1	3-Wire DC NPN
	Bi 1-EH03-AP7X*	M1619322	TTL Compatible	1	3-Wire DC PNP
4 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable 	Bi 1-EH04-AN6X	S4609640		1	3-Wire DC NPN
	Bi 1-EH04-AP6X	S4609540		1	3-Wire DC PNP
	Bi 1-EH04-Y1	S1003040		1	2-Wire DC NAMUR
5 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable 	Bi 1-EG05-AN6X	S4609840		1	3-Wire DC NPN
	Bi 1-EG05-AP6X	S4609740		1	3-Wire DC PNP
	Bi 1-EG05-Y1	S1003240		1	2-Wire DC NAMUR

* Flush mountable only in non-ferrous metals.

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 #	Wiring Diagrams
10-30 VDC	5000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p>Diagram 1</p>
10-30 VDC	5000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	<p>Diagram 2</p>
10-30 VDC	3000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p>Diagram 3</p>
10-30 VDC	3000	≤100	-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	
10-30 VDC	3000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	
10-30 VDC	3000	≤100	-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	

Barrels



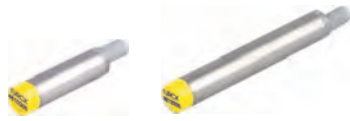
Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
6.5 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable 	Bi 1.5-EH6.5K-AN6X	S4610640	<i>Short Barrel</i>	1.5	3-Wire DC NPN
	Bi 2-EH6.5K-AN6X	S4610100	<i>Short Barrel</i>	2	
	Bi 1.5-EH6.5K-AP6X	S4610540	<i>Short Barrel</i>	1.5	3-Wire DC PNP
	Bi 2-EH6.5K-AP6X	S4610000	<i>Short Barrel</i>	2	
	Bi 1.5-EH6.5K-Y1	S1004600	<i>Short Barrel</i>	1.5	2-Wire DC NAMUR
	6.5 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable 	Bi 1.5-EH6.5-AN6X	S4612100		1.5
Bi 2-EH6.5-AN6X		S4612300	<i>Ext. Range</i>	2	
Bi 2U-EH6.5-AN6X		S4281170	<i>Uprox</i>	2	
Bi 1.5-EH6.5-AP6X		S4612000		1.5	3-Wire DC PNP
Bi 2-EH6.5-AP6X		S4612200	<i>Ext. Range</i>	2	
Bi 2U-EH6.5-AP6X		S4281150	<i>Uprox</i>	2	
Bi 1.5-EH6.5-AP6X/S100		S4612001	<i>High Temp. 100°C</i>	1.5	
Bi 1.5-H6.5-Y1X	S4004810		1.5	2-Wire DC NAMUR	
6.5 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable 	Bi 1.5-H6.5M-AN7	S4708100	<i>TTL Compatible</i>	1.5	3-Wire DC NPN

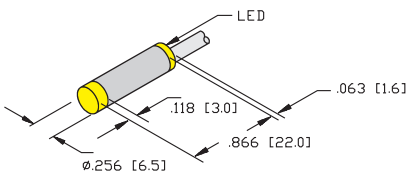
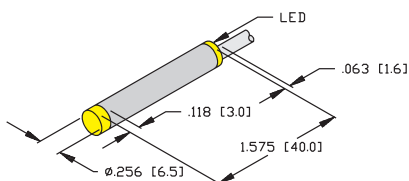
TURCK mold-on connectors available on all cable sensors. See page M25.



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 #	Wiring Diagrams
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<div style="border: 1px solid black; padding: 5px;"> <p>Diagram 1</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Diagram 2</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Diagram 3</p> </div>
	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	
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	TROG	N/A	N/A	2M/PVC	3	
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	
	1000	≤150	-25 to +70	IP 68	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	
	1000	≤150	-30 to +85	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
	3000	Remote	-25 to +100	IP 67	CPB	EPTR	TROG	N/A	YE	2M/PVC	3	
5-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	3	
10-30 VDC	2000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	

Barrels



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
6.5 mm - Nonembeddable, Miniature Smooth Barrel, Potted-In Cable 	Ni 3-EH6.5K-AN6X	S4610300	Short Barrel	3	3-Wire DC NPN
	Ni 3-EH6.5K-AP6X	S4610200	Short Barrel	3	3-Wire DC PNP
	Ni 3-EH6.5K-Y1	S1004700	Short Barrel	3	2-Wire DC NAMUR
6.5 mm - Nonembeddable, Miniature Smooth Barrel, Potted-In Cable 	Ni 3-EH6.5-AN6X	S4612500		3	3-Wire DC NPN
	Ni 4U-EH6.5-AN6X	S4600682	Uprox	4	
	Ni 3-EH6.5-AP6X	S4612400		3	3-Wire DC PNP
	Ni 4U-EH6.5-AP6X	S4600680	Uprox	4	

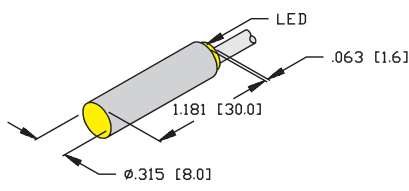
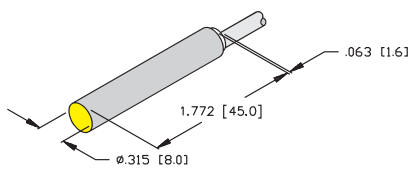
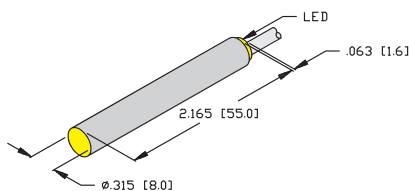
TURCK mold-on connectors available on all cable sensors. See page M25.



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 #	Wiring Diagrams
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p>Diagram 1</p>
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	<p>Diagram 2</p>
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	TROG	N/A	N/A	2M/PVC	3	<p>Diagram 3</p>
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p>Diagram 3</p>
	3000	≤150	-30 to +85	IP 68	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	<p>Diagram 3</p>
	3000	≤150	-30 to +85	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	2	

Barrels



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
8 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable 	Bi 1.5-H08K-AN6X	S1604341	<i>Short Barrel</i>	1.5	3-Wire DC NPN
	Bi 1.5-H08K-AP6X Bi 1.5-H08K-AP6/S100	S1604331 S1604303	<i>Short Barrel</i> <i>High Temp. 100°C</i>	1.5 1.5	3-Wire DC PNP
8 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable 	Bi 1.5-H08M-AP6X	S1604301		1.5	3-Wire DC PNP
8 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable 	Bi 1.5-H08-AN6X	S1614300		1.5	3-Wire DC NPN
	Bi 1.5-H08-AP6X	S1604300		1.5	3-Wire DC PNP
	Bi 1.5-H08-Y1	S1021800		1.5	2-Wire DC NAMUR

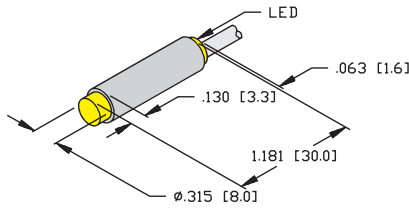
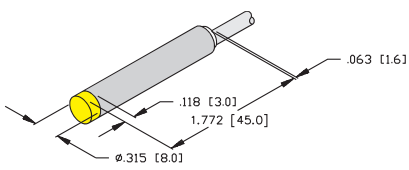
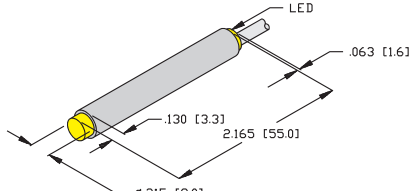
TURCK mold-on connectors available on all cable sensors. See page M25.



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 #	Wiring Diagrams
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p>Diagram 1</p>
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	<p>Diagram 2</p>
	3000	≤150	-25 to +100	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
10-30 VDC	2000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	<p>Diagram 3</p>
10-30 VDC	2000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	
10-30 VDC	2000	≤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	

Barrels



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
8 mm - Nonembeddable, Miniature Smooth Barrel, Potted-In Cable 	Ni 2-H08K-AN6X	S1614700	<i>Short Barrel</i>	2	3-Wire DC NPN
	Ni 2-H08K-AP6X	S1604700	<i>Short Barrel</i>	2	3-Wire DC PNP
8 mm - Nonembeddable, Miniature Smooth Barrel, Potted-In Cable 	Ni 2-H08M-AN7	S4709500	<i>TTL Compatible</i>	2	3-Wire DC NPN
8 mm - Nonembeddable, Miniature Smooth Barrel, Potted-In Cable 	Ni 3-H08-AN6X	S1614900		3	3-Wire DC NPN
	Ni 3-H08-AP6X	S1604900		3	3-Wire DC PNP
	Ni 2-H08-Y1	S1021500		2	2-Wire DC NAMUR

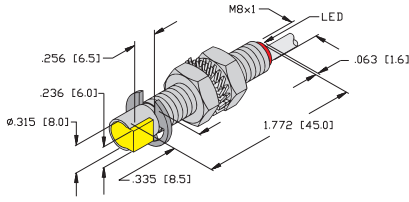
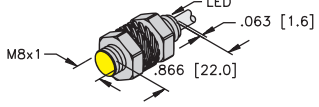
TURCK mold-on connectors available on all cable sensors. See page M25.



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 #	Wiring Diagrams
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p>Diagram 1</p>
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	<p>Diagram 2</p>
10-30 VDC	2000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p>Diagram 3</p>
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	

Barrels



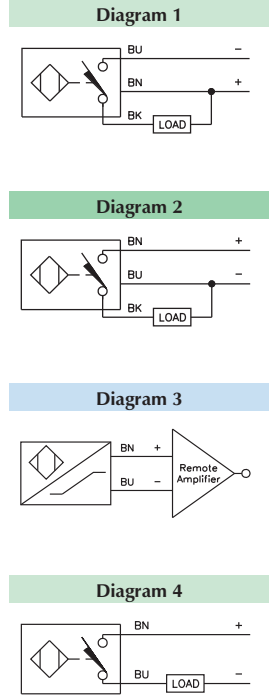
Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
8 mm - Embeddable, Miniature Threaded Barrel, Side Sensing, Potted-In Cable 	Bi 1.5-GS880-AN6X	S4604501	Side Sensing	1.5	3-Wire DC NPN
	Bi 1.5-GS880-AP6X	S4604401	Side Sensing	1.5	3-Wire DC PNP
	Bi 1.5-GS880-Y0	S1004401	Side Sensing	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	3-Wire DC PNP
	Bi 1.5-EG08K-AP6X	S4669040	Short Barrel	1.5	
	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, Teflon, 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.

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 #	Wiring Diagrams
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p>Diagram 1</p>
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	<p>Diagram 2</p>
10-65 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	



Barrels



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
8 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable 	Bi 2-EG08-AG41X	S4562000		2	2-Wire DC
	Bi 2-EG08-AG41X/S1589	S4562088	weldguard®	2	
	Bi 1.5-EG08-AN6X	S4602340		1.5	3-Wire DC NPN
	Bi 1.5U-EG08-AN6X	S4600510	Uprox	1.5	
	Bi 2-EG08-AN6X	S4602140	Ext. Range	2	
	Bi 2-EG08-AN6X/S1589	S4602181	weldguard	2	
	Bi 2U-EG08-AN6X	S4602035	Uprox	2	
	Bi 1.5-EG08-AN7X	S1766110	TTL Compatible	1.5	
	Bi 1.5-EG08-AP6X	S4602240		1.5	3-Wire DC PNP
	Bi 1.5U-EG08-AP6X	S4600500	Uprox	1.5	
	Bi 2-EG08-AP6X	S4602040	Ext. Range	2	
	Bi 2-EG08-AP6X/S100	S4602047	High Temp. 100°C	2	
	Bi 2-EG08-AP6X/S957	S4602008	Flush Mount	2	
	Bi 2-EG08-AP6X/S1589	S4602085	weldguard	2	
	Bi 2-EG08-AP6X/S1610	S4602086-1	armorguard	2	
	Bi 2U-EG08-AP6X	S4602032	Uprox	2	
	Bi 1.5-EG08-Y1	S1003500		1.5	2-Wire DC NAMUR
	Bi 2-EG08-AZ14X	S4100001		2	2-Wire AC/DC
	Bi 2-EG08-VP6X	S1604610	Comp. Outputs	2	4-Wire DC PNP
	8 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable, Teflon Coated 	Bi 2-EGT08-AG41X	S4602540		2
Bi 2-EGT08-AG41X/S1589		S46020003	SS, Teflon, weldguard	2	
Bi 2U-EGT08-AN6X		S4602170	Stainless Steel, Teflon	2	3-Wire DC NPN
Bi 1.5-EGT08-AP6/S100		S4602256	High Temp. 100°C	1.5	3-Wire DC PNP

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 #	Wiring Diagrams
10-55 VDC	1000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	4	Diagram 1
	1000	≤100	-25 to +70	IP 67	SS	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	Diagram 2
	2000	≤150	-30 to +85	IP 68	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	
	2000	≤150	-30 to +85	IP 68	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	Diagram 3
	2000	≤150	-30 to +85	IP 68	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 +100	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	WG	TROG	N/A	YE	2M/PUR	2	
	2000	≤150	-30 to +85	IP 68	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/PUR	3	Diagram 4
	5000	Remote	-25 to +70	IP 67	SS	PA 12	TROG	N/A	N/A	2M/PUR	3	
20-132 VAC 10-140 VDC	20	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	5	Diagram 5
	20	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	5	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	6	Diagram 6
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	6	
10-55 VDC	1000	≤100	-25 to +70	IP 67	TC	PA 12	TC	N/A	YE	2M/PUR	4	
	1000	≤100	-25 to +70	IP 67	SS	WG	TC	N/A	YE	2M/PUR	4	
10-30 VDC	2000	≤150	-30 to +85	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	1	
10-30 VDC	2000	≤150	-25 to +100	IP 67	TC	PA 12	TC	N/A	YE	2M/PUR	2	

Barrels



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
8 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable 	Bi 1.5-G08-AN6X	S4602300		1.5	3-Wire DC NPN
	Bi 2-G08-AN6X	S4602100	Ext. Range	2	
	Bi 1.5-G08-AP6X	S4602200		1.5	3-Wire DC PNP
	Bi 2-G08-AP6X	S4602000	Ext. Range	2	
8 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable 	Bi 1.5-G08-Y1	S1005224		1.5	2-Wire DC NAMUR

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 #	Wiring Diagrams
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	Diagram 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	Diagram 2
	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	Diagram 3

Barrels



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
8 mm - Nonembeddable, Miniature Threaded Barrel, Potted-In Cable 	Ni 4-EG08K-AG41X	S4561010	<i>Short Barrel</i>	4	2-Wire DC
	Ni 3-EG08K-AN6X	S4669700	<i>Short Barrel</i>	3	3-Wire DC NPN
	Ni 3-EG08K-AP6X	S4669600	<i>Short Barrel</i>	3	3-Wire DC PNP
	Ni 3-EG08K-Y1	S1003700	<i>Short Barrel</i>	3	2-Wire DC NAMUR
8 mm - Nonembeddable, Miniature Threaded Barrel, Potted-In Cable 	Ni 4-EG08-AG41X	S4561000		4	2-Wire DC
	Ni 3-EG08-AN6X	S4602840		3	3-Wire DC NPN
	Ni 3-EG08-AN6X/S1589	S4602888	<i>weldguard®</i>	3	
	Ni 3-EG08-AN7X	S4669759	<i>TTL Compatible</i>	3	
	Ni 4U-EG08-AN6X	S4600610	<i>Uprox</i>	4	
	Ni 3-EG08-AP6X	S4602740		3	3-Wire DC PNP
	Ni 3-EG08-AP6X/S1589	S4602789	<i>weldguard</i>	3	
Ni 4U-EG08-AP6X	S4600600	<i>Uprox</i>	4		

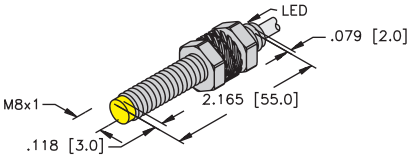
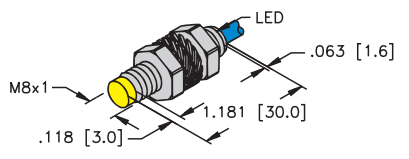
TURCK mold-on connectors available on all cable sensors. See page M25.



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 #	Wiring Diagrams
10-65 VDC	1000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	Diagram 1
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	3	Diagram 2
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	TROG	N/A	N/A	2M/PVC	4	
10-65 VDC	1000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	Diagram 3
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	WG	TROG	N/A	YE	2M/PUR	2	
	2000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
	2000	≤150	-30 to +85	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	3	Diagram 4
	3000	≤150	-25 to +70	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	3	
	2000	≤150	-30 to +85	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	3	

Barrels



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
8 mm - Nonembeddable, Miniature Threaded Barrel, Potted-In Cable 	Ni 2-G08-AN6X	S4601300		2	3-Wire DC NPN
	Ni 3-G08-AN6X	S4602800		3	
	Ni 2-G08-AP6X	S4601200		2	3-Wire DC PNP
	Ni 3-G08-AP6X	S4602700		3	
8 mm - Nonembeddable, Miniature Threaded Barrel, Potted-In Cable 	Ni 2-G08-Y1	S1005300		2	2-Wire DC NAMUR

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 #	Wiring Diagrams
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p>Diagram 1</p> <p>Diagram 2</p> <p>Diagram 3</p>
	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	
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	TROG	N/A	N/A	2M/PVC	3	

Barrels