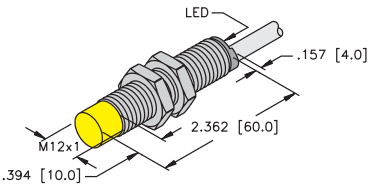
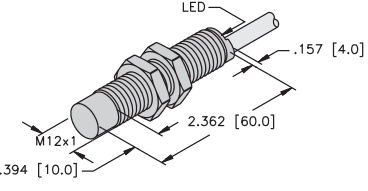
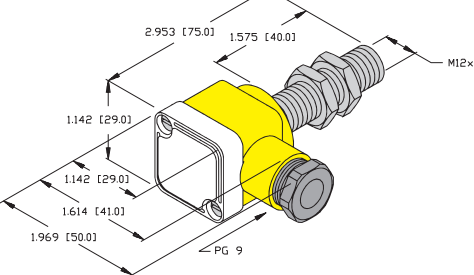
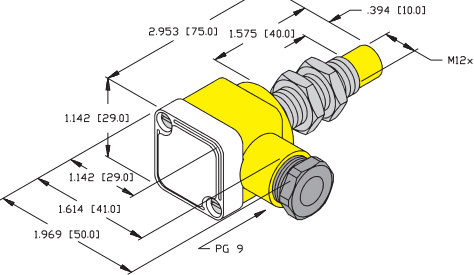


Inductive
Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
12 mm - Nonembeddable, Potted-In Cable 	Ni 4-G12-AZ33X	T1304202		4	2-Wire AC/DC
	Ni 4-G12-ADZ32X	T4205200		4	2-Wire AC/DC
	Ni 8-G12-ADZ32X	T4205400	<i>Extended Range</i>	8	
12 mm - Nonembeddable, Potted-In Cable, Teflon Coated 	Ni 4-GT12-ADZ32X/S34	T4205210	<i>Weld-field Immune</i>	4	2-Wire AC/DC
	Ni 4-GT12-AZ33X/S34	T1304294	<i>Weld-field Immune</i>	4	2-Wire AC/DC
12 mm - Embeddable, Terminal Chamber 	Bi 2-G12SK-AN6X2	T4636500		2	3-Wire DC NPN
	Bi 3U-EG12SK-AN6X	M1634420	<i>Uprox</i>	3	
	Bi 2-G12SK-AP6X2	T4636400		2	3-Wire DC PNP
	Bi 3U-EG12SK-AP6X	M1634400	<i>Uprox</i>	3	
12 mm - Nonembeddable, Terminal Chamber 	Ni 5-G12SK-AN6X2	T4636700		5	3-Wire DC NPN
	Ni 8U-EG12SK-AN6X	M1644420	<i>Uprox</i>	8	
	Ni 5-G12SK-AP6X2	T4636600		5	3-Wire DC PNP
	Ni 8U-EG12SK-AP6X	M1644400	<i>Uprox</i>	8	

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
35-250 VAC	20	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	<div style="border: 1px solid black; padding: 5px;"> <p>Diagram 1</p> <p>Diagram 2</p> <p>Diagram 3</p> </div>
10-300 VDC	20	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	
	20	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	TC	TC	EPTR	N/A	YE	2M/PVC	1	
35-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	TC	TC	EPTR	N/A	YE	2M/PVC	1	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	GN	YE	- - - -	2	
	3000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	N/A	YE	- - - -	2	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	GN	YE	- - - -	3	
	3000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	N/A	YE	- - - -	3	
10-30 VDC	1500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	GN	YE	- - - -	2	
	2000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	N/A	YE	- - - -	2	
10-30 VDC	1500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	GN	YE	- - - -	3	
	2000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	N/A	YE	- - - -	3	

Barrels



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
18 mm - Embeddable, Terminal Chamber 	Bi 5U-EG18SK-AN6X	M1635420	<i>Uprox</i>	5	3-Wire DC NPN
	Bi 5-G18SK-AN6X2	T4642500		5	
	Bi 5U-EG18SK-AP6X	M1635400	<i>Uprox</i>	5	3-Wire DC PNP
	Bi 5-G18SK-AP6X2	T4642400		5	
18 mm - Embeddable, Terminal Chamber 	Bi 5-G18SK-AZ3X2	T4331400		5	2-Wire AC/DC
18 mm - Nonembeddable, Terminal Chamber 	Ni 8-G18SK-AD4X	T4442200		8	2-Wire DC
	Ni 10-G18SK-AN6X2	T4642700		10	3-Wire DC NPN
	Ni 12U-EG18SK-AN6X	M1645420	<i>Uprox</i>	12	
	Ni 10-G18SK-AP6X2	T4642600		10	3-Wire DC PNP
Ni 12U-EG18SK-AP6X	M1645400	<i>Uprox</i>	12		
18 mm - Nonembeddable, Terminal Chamber 	Ni 10-G18SK-AZ3X2	T4331500		10	2-Wire AC/DC

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



Output	Switching Freq. (Hz)	Operating Current (mA) VAC/VDC	Operating Temp. (°C)	Protection	Housing	Face	End Cap	Power LED	Output LED	Cable Length/ Cable Mat.	Wiring Diagram	Wiring Diagrams
10-30 VDC	2500	≤200	-30 to +85	IP 67	SS	PA 12	N/A	N/A	YE	- - - -	1	Diagram 1
	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	GN	YE	- - - -	1	
10-30 VDC	2500	≤200	-30 to +85	IP 68	SS	PA 12	N/A	N/A	YE	- - - -	2	Diagram 2
	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	GN	YE	- - - -	2	
20-250 VAC 10-300 VDC	20	≤500	-25 to +70	IP 67	CPB	PA 12	N/A	GN	RD	- - - -	3	Diagram 3
10-65 VDC	1000	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	N/A	YE	- - - -	4	Diagram 4
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	GN	YE	- - - -	1	
	2000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	N/A	YE	- - - -	1	
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	GN	YE	- - - -	2	
	2000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	N/A	YE	- - - -	2	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	N/A	GN	RD	- - - -	3	

Barrels



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
30 mm - Embeddable, Terminal Chamber 	Bi10-G30SK-AN6X2	T4648500		10	3-Wire DC NPN
	Bi10U-EG30SK-AN6X	M1636420	<i>Uprox</i>	10	
	Bi10-G30SK-AP6X2	T4648400		10	3-Wire DC PNP
	Bi10U-EG30SK-AP6X	M1636400	<i>Uprox</i>	10	
	Bi10-G30SK-AZ3X2	T4346400		10	2-Wire AC/DC
	30 mm - Nonembeddable, Terminal Chamber 	Ni15-G30SK-AN6X2	T4648700		15
Ni20U-EG30SK-AN6X		M1646420	<i>Uprox</i>	20	
Ni15-G30SK-AP6X2		T4648600		15	3-Wire DC PNP
Ni20U-EG30SK-AP6X		M1646400	<i>Uprox</i>	20	
Ni15-G30SK-AZ3X2		T4346500		15	2-Wire AC/DC

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



Voltage	Switching Freq. (Hz)	Operating Current (mA) AC/DC	Operating Temp. (°C)	Protection	Housing	Face	End Cap	Power LED	Output LED	Cable Length/ Cable Mat.	Wiring Diagram #	Wiring Diagrams
10-30 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	GN	YE	- - - -	1	Diagram 1
	2000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	N/A	YE	- - - -	1	
10-30 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	GN	YE	- - - -	2	Diagram 2
	2000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	N/A	YE	- - - -	2	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	N/A	GN	RD	- - - -	3	Diagram 3
10-30 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	GN	YE	- - - -	1	Diagram 1
	1500	≤200	-30 to +85	IP 68	SS	PA 12	N/A	N/A	YE	- - - -	1	
10-30 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	GN	YE	- - - -	2	Diagram 2
	1500	≤200	-30 to +85	IP 68	SS	PA 12	N/A	N/A	YE	- - - -	2	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	N/A	GN	RD	- - - -	3	Diagram 3

Barrels



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
47 mm - Embeddable, Terminal Chamber 	Bi25-G47SR-VN4X2	M1574800	<i>Comp. Outputs</i>	25	4-Wire DC NPN
	Bi25-G47SR-VP4X2	M1564800	<i>Comp. Outputs</i>	25	4-Wire DC PNP
	Bi25-G47SR-FZ3X2	M1342700	<i>Programmable Output</i>	25	2-Wire AC/DC
47 mm - Nonembeddable, Terminal Chamber 	Ni40-G47SR-VN4X2	M1575000	<i>Comp. Outputs</i>	40	4-Wire DC NPN
	Ni40-G47SR-VP4X2	M1565000	<i>Comp. Outputs</i>	40	4-Wire DC PNP
	Ni40-G47SR-FZ3X2	M1342800	<i>Programmable Outputs</i>	40	2-Wire AC/DC

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



Voltage	Switching Freq. (Hz)	Operating Current (mA) AC/DC	Operating Temp. (°C)	Protection	Housing	Face	End Cap	Power LED	Output LED	Mating Cord, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP 67	CPB	PA 12	----	GN	YE	- - - -	1	<p>Diagram 1</p>
10-65 VDC	100	≤200	-25 to +70	IP 67	CPB	PA 12	----	GN	YE	- - - -	2	<p>Diagram 2</p>
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	----	GN	RD	- - - -	3	<p>Diagram 3</p> <p>-OR-</p>
10-65 VDC	100	≤200	-25 to +70	IP 67	CPB	PA 12	----	GN	YE	- - - -	1	
10-65 VDC	100	≤200	-25 to +70	IP 67	CPB	PA 12	----	GN	YE	- - - -	2	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	----	GN	RD	- - - -	3	

Barrels