

Inductive  
Nonferrous/Ferrous Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>12 mm - Embeddable, euofast® Quick Disconnect</b> 	Bi 3NF-EM12HE-AN6X2-H1141	M1615003	<i>Non-Ferrous</i>	3	3-Wire DC NPN
	Bi 3NF-EM12HE-AP6X2-H1141	M1615001	<i>Non-Ferrous</i>	3	3-Wire DC PNP
<b>18 mm - Embeddable, euofast® Quick Disconnect</b> 	Bi 5NF-EM18HE-AN6X2-H1141	M1615004	<i>Nonferrous</i>	5	3-Wire DC NPN
	Bi 5NF-EM18HE-AP6X2-H1141	M1615000	<i>Nonferrous</i>	5	3-Wire DC PNP
<b>30 mm - Embeddable, euofast® Quick Disconnect</b> 	Bi 10NF-EM30HE-AN6X2-H1141	M1615005	<i>Stoneface</i>	10	3-Wire DC NPN
	Bi 10NF-EM30HE-AP6X2-H1141	M1615002	<i>Stoneface</i>	10	3-Wire DC PNP
<b>30 mm - Embeddable, Potted-In Cable</b> 	Bi 10NF-M30-AN6X	M1616100	<i>Nonferrous</i>	10	3-Wire DC NPN
	Bi 10NF-M30-AP6X	M1606100	<i>Nonferrous</i>	10	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	Power LED	Output LED	Mating Cordset, Cable Length/ Mat.	Wiring Diagram #	Wiring Diagrams
10-30 VDC	3000	≤200	0 to +60	IP 67	SS	SF	GN	YE	RKV 4T-*	1	<p><b>Diagram 1</b></p>
10-30 VDC	3000	≤200	0 to +60	IP 67	SS	PA 12	GN	YE	RKV 4T-*	2	<p><b>Diagram 2</b></p>
10-30 VDC	2500	≤200	0 to +60	IP 67	SS	SF	GN	YE	RKV 4T-*	1	<p><b>Diagram 3</b></p>
10-30 VDC	2500	≤200	0 to +60	IP 67	SF	PA 12	GN	YE	RKV 4T-*	2	<p><b>Diagram 4</b></p>
10-30 VDC	2000	≤200	0 to +60	IP 67	SS	SF	GN	YE	RKV 4T-*	1	
10-30 VDC	2000	≤200	0 to +60	IP 67	SS	SF	GN	YE	RKV 4T-*	2	
10-30 VDC	500	≤200	0 to +60	IP 67	CPB	PA 12	N/A	YE	2M/PVC	3	
10-30 VDC	500	≤200	0 to +60	IP 67	CPB	PA 12	N/A	YE	2M/PVC	4	

\* Length in meters.

Nonferrous/Ferrous Sensors

Specialty



Housing Style - Rectangular	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output
<b>CP40 - Nonembeddable, Terminal Chamber</b> 	Ni20NF-CP40-VN4X2	M1528200	Nonferrous		20	4-Wire DC NPN
	Ni20NF-CP40-VP4X2	M1508200	Nonferrous		20	4-Wire DC PNP
<b>12 mm - Embeddable, eurofast® Quick Disconnect</b> 	Bi 2.5FE-M12FEE-AP6X-H1141	M1615011	Ferrous Only		2.5	3-Wire DC PNP
<b>18 mm - Embeddable, eurofast® Quick Disconnect</b> 	Bi 4.5FE-EM18FE-AP6X-H1141	M1615012	Ferrous Only			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	Front Cap/Face	Power LED	Output LED	Mating Cord, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	0 to +60	IP 67	PBT	PBT	GN	YE	- - - -	1	<p><b>Diagram 1</b></p>
10-65 VDC	100	≤200	0 to +60	IP 67	PBT	PBT	GN	YE	- - - -	2	<p><b>Diagram 2</b></p>
10-30 VDC	1000	≤100	-25 to +70	IP 67	SS	SS	N/A	YE	RK 4T-*	3	<p><b>Diagram 3</b></p>
10-30 VDC	1000	≤100	-25 to +70	IP 67	SS	SS	N/A	YE	RK 4T-*	4	<p><b>Diagram 4</b></p>

Nonferrous/Ferrous Sensors

Specialty