

Inductive
Cylinder Position Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
Q6.5 - eurofast® Connector 	Ni 2-Q6.5-AN6-0.1M-FS 4.4X3/S304	M1650079		2	4-Wire DC NPN
	Ni 2-Q6.5-AN6-0.16M-FS 4.4X3/S304	M1650085		2	
	Ni 2-Q6.5-AN6-0.2M-FS 4.4X3/S304	M1650134		2	
	Ni 2-Q6.5-AN6-0.5M-FS 4.4X3/S304	M1650155		2	
	Ni 2-Q6.5-AP6-0.1M-FS 4.4X3/S304	M1650048		2	4-Wire DC PNP
	Ni 2-Q6.5-AP6-0.16M-FS 4.4X3/S304	M1650086		2	
Ni 2-Q6.5-AP6-0.2M-FS 4.4X3/S304	M1650047		2		
Q6.5 - eurofast Connector 	Ni 2-Q6.5-0.1M-BDS-2AP6X3-H1141/S34	M1650098	WFI	2	4-Wire DC PNP
	Ni 2-Q6.5-0.16-BDS-2AP6X3-H1141/S34	M1650110	WFI	2	
	Ni 2-Q6.5-0.20-BDS-2AP6X3-H1141/S34	M1650111	WFI	2	
Q6.5 - microfast® Connector 	Ni 2-Q6.5-ADZ32-0.1M-FSB 5.4X4/S304	M4200204		2	4-Wire VAC/DC
	Ni 2-Q6.5-ADZ32-0.16-FSB 5.4X4/S304	M4200203		2	
	Ni 2-Q6.5-ADZ32-0.2M-FSB 5.4X4/S304	M4200202		2	

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



Voltage	Switching Freq. (Hz)	Operating Current (mA) VAC/VDC	Operating Temp. (°C)	Protection	Housing	Sensor Heads	Power LED	Output LED	Mating Cord, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-30 VDC	30	≤500	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	1	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Diagram 1 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Diagram 2 </div> <div style="border: 1px solid black; padding: 5px;"> Diagram 3 </div>
	30	≤150	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	1	
	30	≤150	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	1	
	30	≤500	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	1	
10-30 VDC	30	≤150	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	2	
	30	≤150	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	2	
	30	≤150	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	2	
10-30 VDC	30	≤150	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	2	
	30	≤150	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	2	
	30	≤150	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	2	
20-250 VAC 10-300 VDC	30	≤100/100	-25 to +70	IP 67	PBT	PA 12	GN/GN	YE/RD	KB 5T-*	3	
	30	≤100/100	-25 to +70	IP 67	PBT	PA 12	GN/GN	YE/RD	KB 5T-*	3	
	30	≤100/100	-25 to +70	IP 67	PBT	PA 12	GN/GN	YE/RD	KB 5T-*	3	

* Length in meters.

Cylinder



Housing Style	Part Number	ID Number	Feature	Sensing Range (mm)	Output
Q9.5 - picofast® Connector 	Ni 2-Q9.5-AP6-0.1M-FS 4.4X3/S304	M1650060		2	4-Wire DC PNP
Q9.5 - picofast Connector 	Ni 2-Q9.5-0.1M-BDS-2AP6X3-H1141/S34	M1650099	WFI	2	4-Wire DC PNP
Q9.5 - microfast® Connector 	Ni 2-Q9.5-ADZ32-0.1M-FSB 5.4X4/S304	M4200210		2	4-Wire VAC/DC
ISI - eurofast® Connector 	Ni 2-ISI-0.1-BDS-2AP6X3-H1141/S34	M1650133	WFI	2	4-Wire DC PNP
	Ni 2-ISI-0.3/0.225-BDS-2AP6X3-H1141/S34	M1650151	WFI	2	

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



Voltage	Switching Freq. (Hz)	Operating Current (mA) VAC/VDC	Operating Temp. (°C)	Protection	Housing	Sensor Heads	Power LED	Output LED	Mating Cord, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-30 VDC	30	≤150	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	1	<p>Diagram 1</p>
10-30 VDC	30	≤150	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	1	<p>Diagram 2</p>
20-250 VAC 20-300 VDC	20	≤100/100	-25 to +70	IP 67	PBT	PA 12	GN/GN	YE/RD	KB 5T-*	2	<p>Diagram 3</p>
10-30 VDC	30	≤150	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	3	
	30	≤200	-25 to +70	IP 67	PBT	PA 12	GN	YE/RD	RK 4.4T-*	3	

Cylinder