

TURCK Ultrasonic Sensors



Housing Style	Part Number	ID Number	Sensor Operating Mode	Rated Oper. Distance(cm)	Adjustment Method	Sonic Cone Angle	Output	
18 mm - Embeddable, eurofast® Connection 	RU100-M18-AP8X-H1141	M1810200	D	15-100	Pot.	6°	4-Wire DC PNP	
	RU30-M18-AP8X-H1141	M1810000	D	5-30	Pot.	6°		
	RU100-M18-LIX-H1141	M1810205	D	15-100	Pot.	6°	4-Wire DC PNP Analog 4-20 mA	
	RU30-M18-LIX-H1141	M1810005	D	5-30	Pot.	6°		
	30 mm - Embeddable, eurofast Connection 	RU100-M30-AP8X-H1141	M1830200	D	15-100	Pot.	6°	3-Wire DC PNP
		RU30-M30-AP8X-H1141	M1830000	D	6-30	Pot.	6°	
RUC130-M30-LI AP8X-H1151		M1840230	D	20-130	Pot.	6°	5-Wire DC PNP Analog 4-20 mA	
RUC130-M30-2AP8X-H1151		M1840220	D	20-130	Pot.	6°		
RUC30-M30-2AP8X-H1151		M1840020	D	6-30	Pot.	6°	5-Wire DC PNP	

Sensor operating mode:

D = Diffused

R = Retro-reflective

Adjustment method:

Pot. = Potentiometer

4-wire DC sensors can be programmed with a RU-PDI programming kit.



Voltage	Switching Freq. (Hz)	Continuous Load Current (mA)	Operating Temp. (°C)	Protection	Housing	Transducer	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
20-30 VDC	4	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	1	<p>Diagram 1</p>
	5	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	1	
20-30 VDC	N/A	≤300	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	2	<p>Diagram 2</p>
	N/A	≤300	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	2	
20-30 VDC	4	≤300	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RKK 4.4T-*	1	<p>Diagram 3</p>
	8	≤300	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RKK 4.4T-*	1	
20-30 VDC	4	≤300	-25 to +70	IP 65	NPB	E/PU/PBT	GN	YE	RKK 4.5T-*	4	<p>Diagram 3</p>
20-30 VDC	4	≤300	-25 to +70	IP 65	NPB	E/PU/PBT	N/A	YE	RKK 4.5T-*	3	<p>Diagram 4</p>
	8	≤300	-25 to +70	IP 65	NPB	E/PU/PBT	N/A	YE	RKK 4.5T-*	3	

* Length in meters.