



Housing Style	Part Number	ID Number	Sensor Operating Mode	Rated Oper. Distance (cm)	Adjustment Method	Sonic Cone Angle	Output	
18 mm - Embeddable, Barrel Style eurofast® Connection 	RUN20-M18K-AP8X-H1141	M1830034	D	5-20	Teach Input	6°	4-Wire DC PNP	
	RUN70-M18K-AP8X-H1141	M1830035	D	15-70	Teach Input	6°		
	RUR20-M18K-AP8X-H1141	M1830036	R	7-20	Teach Input	6°		
	RUR70-M18K-AP8X-H1141	M1830037	R	20-70	Teach Input	6°		
		RU20-M18K-LFX-H1141	M1830030	D	5-20	Teach Input	6°	4-Wire DC 200-800 Hz 400-1600 Hz Frequency Output
		RU70-M18K-LFX-H1141	M1830031	D	15-70	Teach Input	6°	4-Wire DC 150-700 Hz 300-1400 Hz Frequency Output
	18 mm - Embeddable, Side Sensing, Barrel Style eurofast connection 	RUN20-M18KS-AP8X-H1141	M1830038	D	5-20	Teach Input	6°	4-Wire DC PNP
RUN70-M18KS-AP8X-H1141		M1830039	D	15-70	Teach Input	6°		
RUR20-M18KS-AP8X-H1141		M1830040	R	7-20	Teach Input	6°		
RUR70-M18KS-AP8X-H1141		M1830041	R	20-70	Teach Input	6°		
		RU20-M18KS-LFX-H1141	M1830032	D	5-20	Teach Input	6°	4-Wire DC 200-800 Hz 400-1600 Hz Frequency Output
		RU70-M18KS-LFX-H1141	M1830033	D	15-70	Teach Input	6°	4-Wire DC 150-700 Hz 300-1400 Hz Frequency Output

Sensor operating mode:

D = Diffused

R = Retro-reflective

Adjustment method:

Pot. = Potentiometer

* 4-wire DC sensors can be programmed with a VB2-SP2 programming kit.

Ultrasonics

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	10	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	1	Diagram 1
	5	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	1	
	10	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	1	
	5	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	1	
20-30 VDC	N/A	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	2	Diagram 2
20-30 VDC	N/A	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	2	
20-30 VDC	10	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	1	Diagram 1
	5	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	1	
	10	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	1	
	5	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	1	
20-30 VDC	N/A	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	2	Diagram 2
20-30 VDC	N/A	≤150	-25 to +70	IP 67	NPB	E/PU/PBT	N/A	YE	RK 4.4T-*	2	

* Length in meters.