



ONE-PIECE ANALOG AND SWITCHING TEACH-IN ULTRASONIC SENSORS

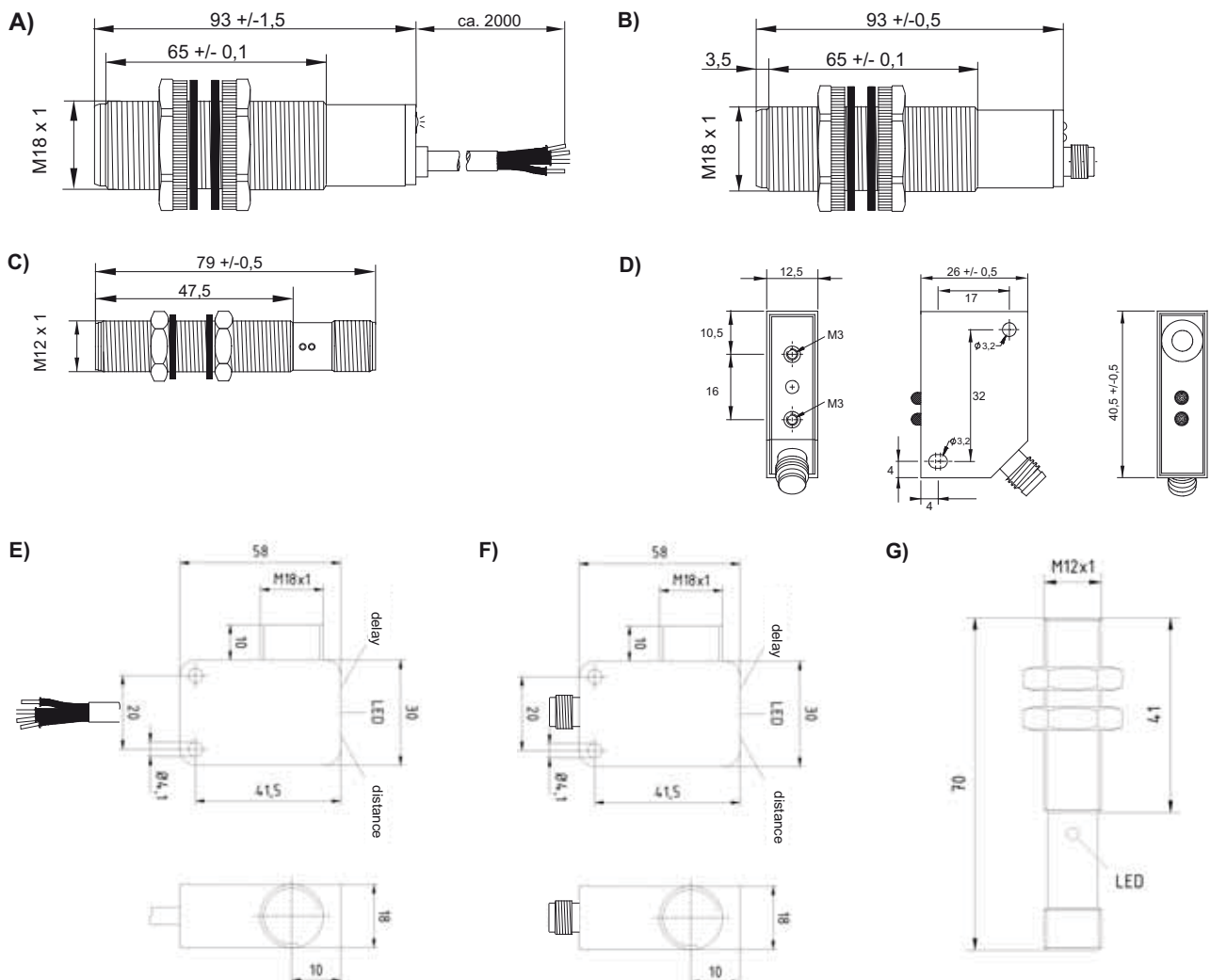
WITH LITTLE BLIND ZONE

Technical data

Angle sonic beam	ca. 8°
Switch point adjustment (digital)	Teach-In
Output voltage (analog)	characteristic line teachable (0 ... 10V)
Repeatability	KURT400... ± 1mm / ± 0,2%
	KURT500... ± 1,6mm / ± 0,5%
	KURT1600... ± 2mm / ± 0,2%
	KURT250-Q12... ± 0,2mm / ± 0,2%
	KURT200-M12... 0,3mm
Protection class	IP67
Operating temperature	-15°C ... +70°
	(-10°C... +50°C = KURT500-Q18)



Dimensions

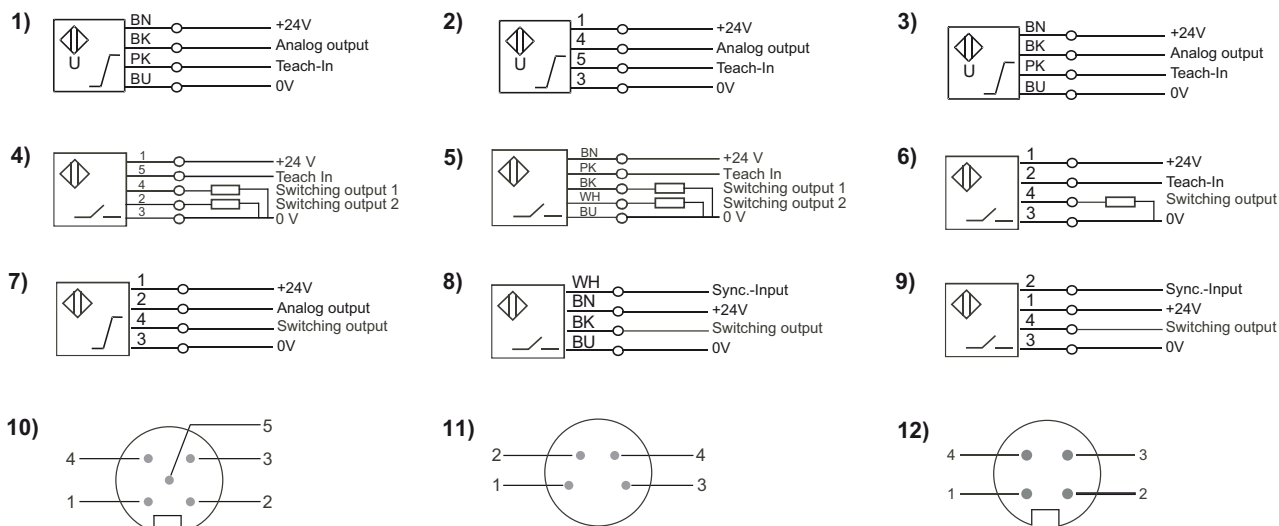


all data in mm



ONE-PIECE ANALOG AND SWITCHING TEACH-IN ULTRASONIC SENSORS WITH LITTLE BLIND ZONE

Connector pin assignment



Selection chart

Article number	Designation analog	Sensing range in mm	Carrier frequency	Response time/Switching frequency	Termination	Drawing	Connector pin assignment
08400830963	KURT200-M12MB70-ANU-V2	20 - 200	400kHz	30ms	connector M12 4-pole	G	7 + 11
08400834664	KURT250-Q12KB-ANU-V1	25 - 250	400kHz	10ms	connector M8 4-pole	D	7 + 11
08400830500	KURT400-M18KB93-ANU	30 - 400	360kHz	25ms	cable	A	1
08400830563	KURT400-M18KB93-ANU-V2	30 - 400	360kHz	25ms	connector M12 5-pole	B	2 + 10
08400830600	KURT1600-M18KB93-ANU	80 - 1600	220kHz	130ms	cable	A	1
08400830663	KURT1600-M18KB93-ANU-V2	80 - 1600	220kHz	130ms	connector M12 5-pole	B	2 + 10
	Designation digital						
08400832963	KURT200-M12EB79-DPS-V2	25 - 200	400kHz	30Hz	connector M12 4-pole	C	6 + 12
08400836664	KURT250-Q12KB-DPA-V1	25 - 250	400kHz	50Hz	connector M8 4-pole	D	6 + 11
08400832500	KURT400-M18KB93-DPSS	30 - 400	360kHz	20Hz	cable	A	5
08400832563	KURT400-M18KB93-DPSS-V2	30 - 400	360kHz	20Hz	connector M12 5-pole	B	4 + 10
08400836700	KURT500-Q18KB-DPA*	100 - 500	175kHz	2Hz	cable	E	8
08400836764	KURT500-Q18KB-DPA-V1*	100 - 500	175kHz	2Hz	connector M8 4-pole	F	9 + 11
08400832600	KURT1600-M18KB93-DPSS	80 - 1600	360kHz	7Hz	cable	A	5
08400832663	KURT1600-M18KB93-DPSS-V2	80 - 1600	360kHz	7Hz	connector M12 5-pole	B	4 + 10

Cable: 2m cable PVC 3 x 0,34mm²

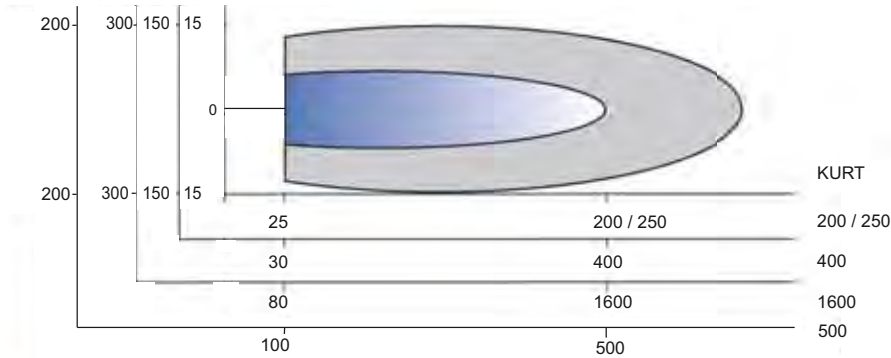
*adjustable time delay (0,2...7sec)




ONE-PIECE ANALOG AND SWITCHING TEACH-IN ULTRASONIC SENSORS

WITH LITTLE BLIND ZONE

Sonic beams



 Guaranteed detection of a target 100 x 100mm²

 Possible detection of a large target

all data in mm

Accessories

Article number	Designation
44505170210	Mating connector M8 4-pole, 2m cable PUR 4 x 0,34mm ² (V1-4/P/2m)
44505160900	Mating connector M12 5-pole freely convertible (V2-5/PG7)
44505129000	Mating connector M12 5-pole, 2m cable PUR 5 x 0,5mm ² (V2-5/P/2m)
08405160000	Reflector M18 plane
08405160100	Reflector M18 focussing
08349481900	Mounting clamp M18
08405160650	Beam deflector M18 plastic