

## Ultrasonic Sensors

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>U</b>	<b>T</b>	<b>1</b>	<b>8</b>	<b>I</b>	<b>-</b>	<b>D</b>	<b>P</b>	<b>E</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>6</b>	<b>.</b>	<b>0</b>	<b>-</b>	<b>C</b>	<b>3</b>	<b>I</b>	
Product group		Enclosure size		Installation/use		Type of voltage	Output				Range					Type of connection	Teach-in	Interface	Options

Product group			Digital output			Type of connection		
1		Ultrasonic sensor	8	0	None	17	C	Cable type (standard C = 2 m or length in m)
2	T	Thermoplastic enclosure		P	PNP		S	Connector (M12, 5-pin)
	N	Stainless steel enclosure		N	NPN		V	Connector (M8, 4-pin)
<b>Enclosure size details</b>			9	0	None		B	Connector (M16, 8-pin)
3 - 4	e.g. 12	M12 (stainless steel)		E	Electrically programmable NC/NO	<b>Teach-in method</b>		
	e.g. 15	M30 (stainless steel)		...	etc.	18	0	None
	e.g. 18	M18 (stainless steel)	<b>Analogue output</b>				1	Button
	e.g. 30	M30 (plastic)	10	0	None		2	Serial interface
	e.g. 25	30 x 25 x 11 (plastic)		I	Current – analogue		3	Contact
	e.g. 80	80 x 80 x 43 (plastic)		U	Voltage – analogue		...	etc.
	e.g. 36	101 x 36 x 22 (plastic)	11	-	Dash (fixed)	<b>Serial interface</b>		
<b>Installation/use</b>			<b>Range</b>			19	0	None
5	I	Internal transductor	12 - 15	The range and sensing distance are always a 4-digit specification			1	RS232
	S	True scan transmitter and receiver		– Millimetre values with no decimal point – Metre values with decimal point			2	RS485
6	-	Dash (fixed)		e.g. 06.0	6 m		3	I/O link
<b>Type of voltage</b>				e.g. 15.0	15 m		4	CANopen
7	A	AC		e.g. 0500	500 mm		...	etc.
	D	DC 12–30 V	16	-	Dash (fixed)	<b>Options</b>		
						20 onwards	e.g.	Preset switching points
							...	etc.

## Options

1	2	3	4	5	6	7	8	9	10	11	12	13	14				
<b>K</b>	<b>L</b>	<b>2</b>	<b>E</b>	<b>V</b>	<b>P</b>	<b>S</b>	<b>N</b>	<b>T</b>	<b>F</b>	<b>Z</b>	<b>I</b>	<b>D</b>	<b>G</b>				

1	K	Short circuit-proof
2	L	LED
3	2	Cable length in m
4	E	Extended sensing distance (sn large)
5	V	Shortened type
6	P	Potentiometer
7	S	Device connector (terminals)
	PU	PUR cable
	SD	Connector to DIN 43650 (including socket)
	SM	Mini snap-in device connector
	S8	M8 device connector with union nut
	S12	M12 device connector with union nut
	SM8	Mini snap-in / M8 screw-on device connector
	S12A	M12 device connector with union nut, AC version
	S16S	M16 device connector with union nut and dust cap
	S12U	M12 Ultra-Lock device connector
	S5	M5 x 0,5 device connector Screw-connection with cable

8	N	Stainless steel enclosure
9	T	Extended temperature range
10	F	Extended switching frequency
11	Z	Time-delayed
12	I	Programmable (intelligent)
13	D	ATEX products, dust Ex
14	G	ATEX products, gas Ex