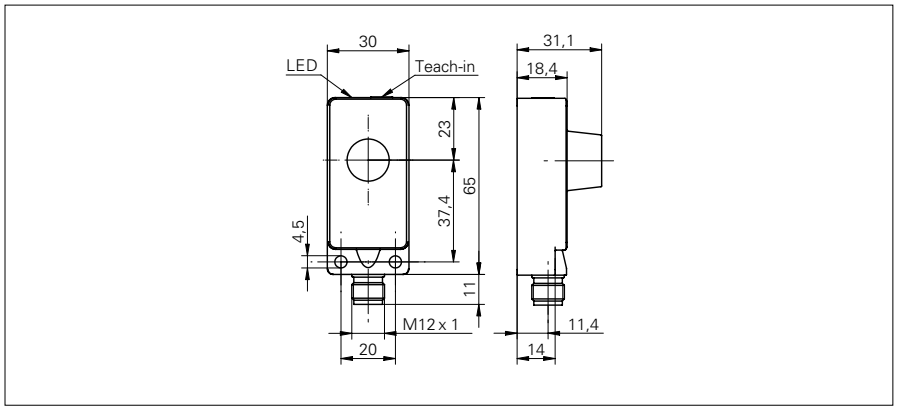
Ultrasonic distance measuring sensors

UNDK 30U6112/S14

dimension drawing



general data	
scanning range Sd	60 ... 400 mm
scanning range close limit Sdc	60 ... 400 mm
scanning range far limit Sde	60 ... 400 mm
repeat accuracy	< 0,5 mm
resolution	< 0,3 mm
response time ton	< 60 ms
release time toff	< 60 ms
temperature drift	< 2 % of distance to target So
sonic frequency	400 kHz
adjustment	Teach-in
alignment aid	target indication flashing
light indicator	yellow LED / red LED

electrical data	
voltage supply range +Vs	15 ... 30 VDC
current consumption max. (no load)	35 mA
output circuit	voltage output
output signal	0 ... 10 V / 10 ... 0 V
output current	< 20 mA
residual ripple	< 10 % Vs
short circuit protection	yes
reverse polarity protection	yes

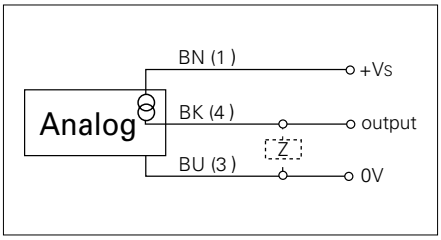
mechanical data	
type	rectangular
housing material	polyester / die-cast zinc
width / diameter	30 mm
height / length	65 mm
depth	31 mm
connection types	connector M12

ambient conditions	
operating temperature	-10 ... +60 °C
protection class	IP 67

photo



connection diagram

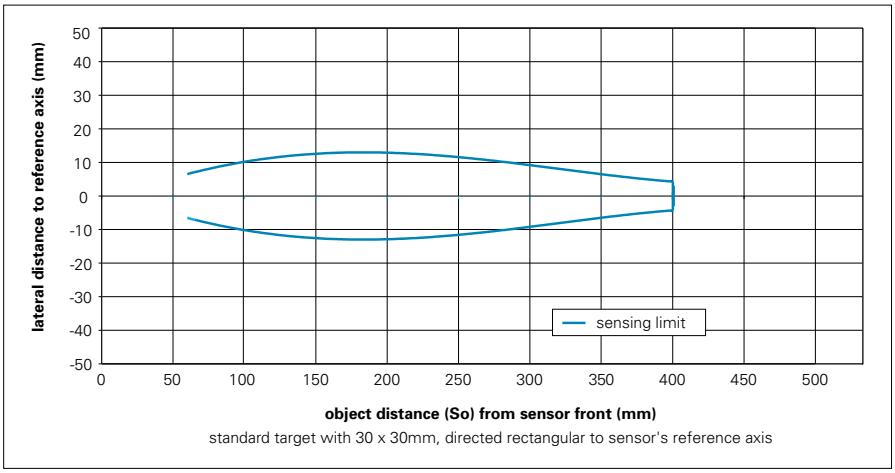


- Analog voltage output 0 - 10 V

Ultrasonic distance measuring sensors

UNDK 30U6112/S14

typical sonic cone profile



standard target with 30 x 30mm, directed rectangular to sensor's reference axis

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Baumer:

IFRM 06P17A5/S35L MEX5-D30.B24 MIT3-D22.B16 IFFM04N1501/O1L MEX5-D31.B79 MEX5-F30.B22 11130475 11223791 11229489 11232565 MEX3-F20.B19 MTR2-D50.B19 O300.GP-GW1B.72N 10127804 IFRM12N1701/S14L MEX3-F21.B29 MEX3-F21.B82 MEX5-D30.B26 MTR1F50B19 O300.TR-ZZZZ.72N 11190721 MEX5-D31.B38 OR18.ZL-PV1P.7BO/B013 11007902 11112012 EIL580-SC10.5FN.01024.A FTDR 047A048 LBFS-03421.0 ARA-10.D30L IFFM08P17A6/L