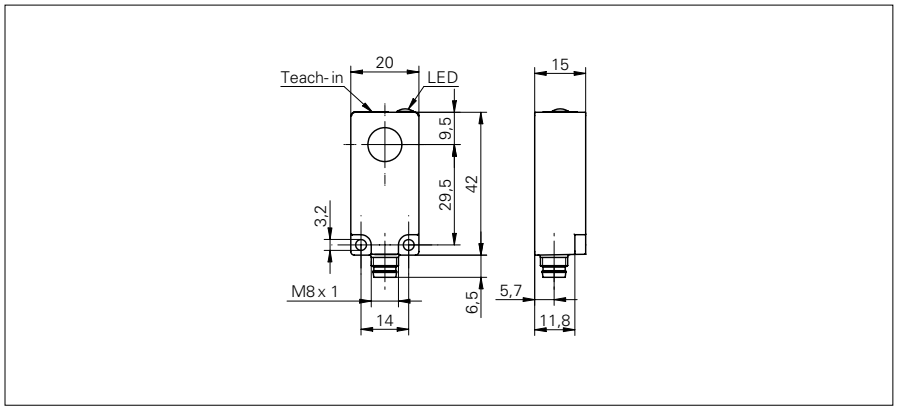
Ultrasonic distance measuring sensors

UNDK 20I6914/S35A

dimension drawing



general data	
scanning range Sd	20 ... 200 mm
scanning range close limit Sdc	20 ... 200 mm
scanning range far limit Sde	20 ... 200 mm
repeat accuracy	< 0,5 mm
resolution	< 0,3 mm
response time ton	< 30 ms
release time toff	< 30 ms
temperature drift	< 2 % of distance to target So
sonic frequency	380 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)	55 mA
output circuit	current output
output signal	4 ... 20 mA / 20 ... 4 mA
output current	< 20 mA
load resistance +Vs max.	< 1100 Ohm
load resistance +Vs min.	< 400 Ohm
residual ripple	< 10 % Vs
short circuit protection	yes
reverse polarity protection	yes

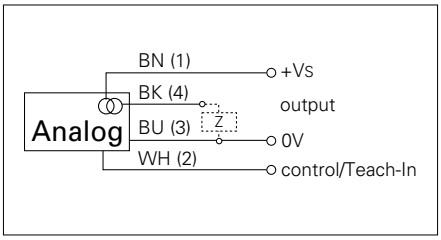
mechanical data	
type	rectangular
housing material	polyester
width / diameter	20 mm
height / length	42 mm
depth	15 mm
connection types	connector M8

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

photo



connection diagram

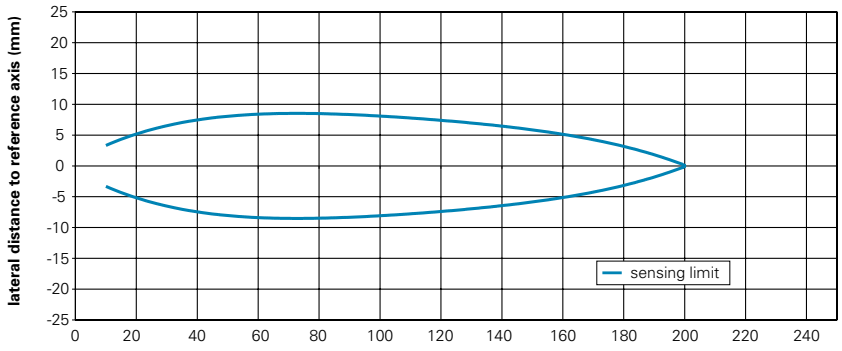


- internal and external Teach-in
- compact housing

Ultrasonic distance measuring sensors

UNDK 20I6914/S35A

typical sonic cone profile



standard square target, size 15 x 15 mm, positioned perpendicularly to sensor's reference axis

Unikeyic Electronics

Global Electronic Components Distributor

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

Baumer:

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