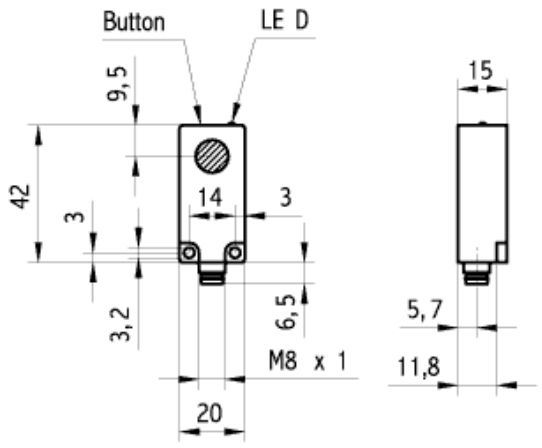
Ultrasonic analog sensors, rectangular

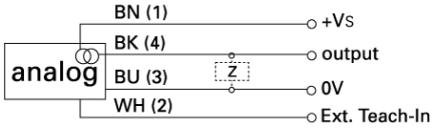
UNDK 20U6914/S35A



Technical Data	
scanning range Sd	20 - 200 mm
resolution	0,3 mm
output circuit	analog voltage output
housing style	rectangular
width /diameter	20 mm
height	42 mm
depth	15 mm
housing material	polycarbonate
connection	connector
scanning range close limit Sdc (Teach-in)	20 - 150 mm
scanning range far limit Sde (Teach-in)	20 - 150 mm
sonic beam angle	6 °
sonic frequency	380 kHz
voltage supply range +Vs	15 - 30 VDC
residual ripple	< 10% Vs
supply current	< 35 mA
max. switching current	< 20 mA
output	0 - 10 V / 10 - 0 V
load resistance at +Vs>15V	-
load resistance at +Vs>24V	-
short circuit protection	yes
reverse polarity protection	yes
response time ton/toff	< 30 ms
linearity L	-
repeatability	< 0,5 mm
temperature drift	< 2% of distance to target So
temperature range	-10 ... +60 °C
protection class	IP 67
output indicator	yellow LED / red LED
adjustment	teach-in
adjustment aid	target display flashing
connector type	-
connector options	ESW 31A, ESG 32A

photo

connection diagram



internal and external Teach-in
compact housing