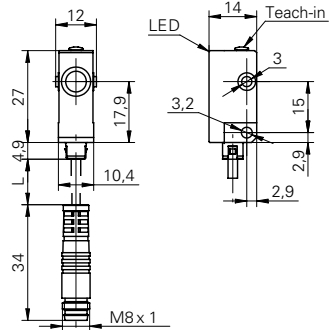


Ultrasonic proximity sensors with analog output

UNDK 10U6914/KS35A

dimension drawing



general data

sensing range sd	20 ... 200 mm
scanning range close limit Sdc	20 ... 200 mm
scanning range far limit Sde	20 ... 200 mm
repeatability	< 0,5 mm
resolution	< 0,3 mm
adjustment	Teach-in
sonic frequency	380 kHz
response time ton	< 60 ms
release time toff	< 60 ms
alignment aid	target display flashing
light indicator	yellow LED / red LED
temperature drift	< 2 % of distance to target So

electrical data

voltage supply range +Vs	15 ... 30 VDC
current consumption max.	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	plastic (ASA)
width / diameter	10,4 mm
height / length	27 mm
depth	14 mm
connection types	flylead connector M8

ambient conditions

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

photo



connection diagram

