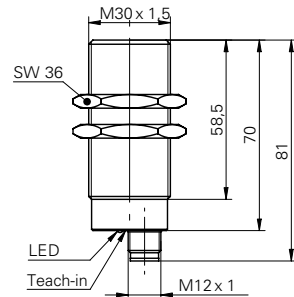


Ultrasonic proximity sensors with analog output

UNAM 30U6103/S14

dimension drawing



general data

sensing range sd	100 ... 1000 mm
scanning range close limit Sdc	100 ... 1000 mm
scanning range far limit Sde	100 ... 1000 mm
version	standard
repeatability	< 0,5 mm
resolution	< 0,3 mm
adjustment	Teach-in
sonic frequency	240 kHz
response time ton	< 80 ms
release time toff	< 80 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	cylindrical
housing material	brass nickel plated
width / diameter	30 mm
height / length	70 mm
connection types	connector M12

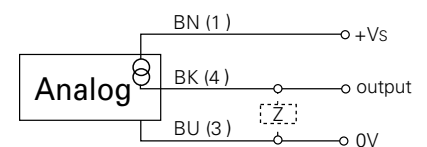
ambient conditions

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

photo



connection diagram



- Analog voltage output 0 - 10 V