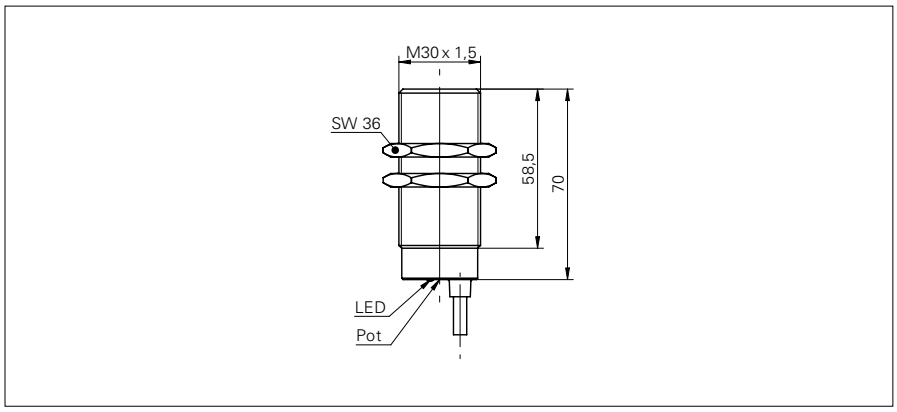
Ultrasonic proximity sensors

UNAM 30P1104

dimension drawing



general data	
scanning range sd	200 ... 1500 mm
scanning range far limit Sde	200 ... 1500 mm
hysteresis typ.	4 % Sde
repeat accuracy	< 1 mm
temperature drift	< 0,18 % Sde/K
response time ton	< 100 ms
release time toff	< 100 ms
sonic frequency	200 kHz
adjustment	potentiometer
alignment aid	target indication flashing
output indicator	LED green

electrical data	
voltage supply range +Vs	12 ... 30 VDC
current consumption max. (no load)	30 mA
output circuit	PNP make function (NO)
output current	< 200 mA
voltage drop Vd	< 2 VDC
residual ripple	< 10 % Vs
short circuit protection	yes
reverse polarity protection	yes

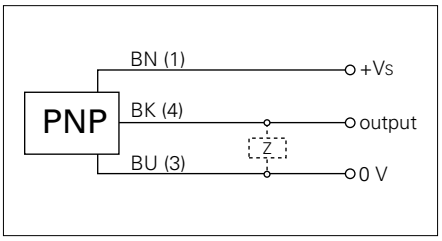
mechanical data	
type	cylindrical threaded
housing material	brass nickel plated
width / diameter	30 mm
height / length	70 mm
connection types	cable, 2 m

ambient conditions	
operating temperature	-25 ... +60 °C
protection class	IP 67

photo



connection diagram



- extended sensing distance