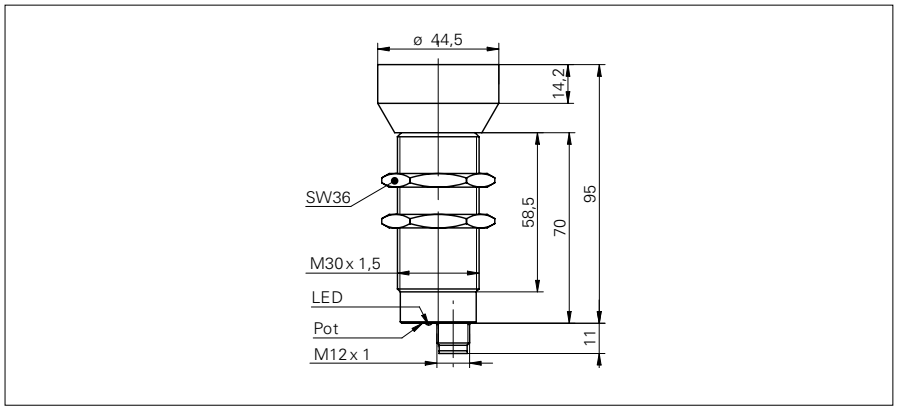
Ultrasonic proximity sensors

UNAM 50P1721/S14

dimension drawing



general data	
sensing range sd	350 ... 2500 mm
scanning range far limit Sde	350 ... 2500 mm
hysteresis typ.	4 % Sde
repeatability	< 1 mm
synchronization	yes
temperature drift	< 0,18 % Sde/K
adjustment	potentiometer
response time ton	< 160 ms
release time toff	< 160 ms
alignment aid	target display flashing
sonic frequency	120 kHz
output indicator	LED green

electrical data	
voltage supply range +Vs	12 ... 30 VDC
current consumption max.	35 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

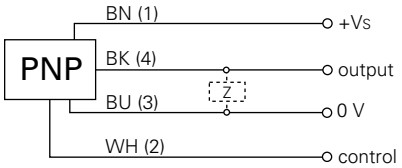
mechanical data	
type	cylindrical
housing material	brass nickel plated
width / diameter	30 mm
height / length	95 mm
connection types	connector M12

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

photo



connection diagram



- long sensing distance