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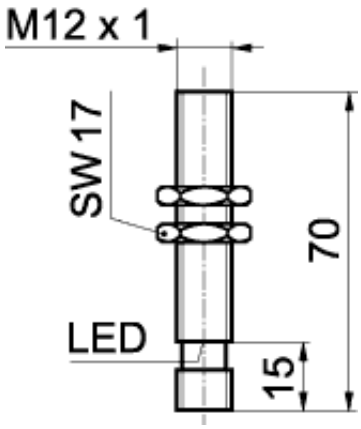
Ultrasonic

Baumer electric

Ultrasonic proximity switches, cylindrical

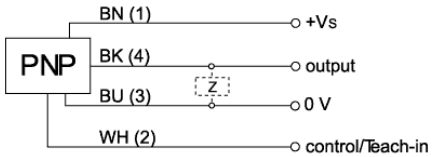
UNAM 12P1914/S14



Technical Data	
special characteristics	-
scanning range Sd	10 - 200 mm
output circuit	PNP make function (NO)
housing style	cylindrical
width /diameter	12 mm
height	70 mm
depth	-
housing material	brass nickel plated
connection	connector
scanning range far limit Sde	30 - 200 mm
sonic beam angle	6 °
sonic frequency	380 kHz
hysteresis	< 3 mm
voltage supply range +Vs	12 - 30 VDC
residual ripple	< 10% Vs
supply current	< 30 mA
switching current	< 200 mA
voltage drop Vd	< 2 VDC
short circuit protection	yes
reverse polarity protection	yes
response time ton/toff	< 10 ms
repeatability	< 0,8 mm
temperature drift	0,18% Sde/K
temperature range	-10 ... +60 °C
protection class	IP 67
output indicator	LED green
adjustment	External Teach-in
adjustment aid	yes
connector type	-
connector options	ES 14, ESW 33A, ESG 34A
synchronization	-

photo

connection diagram



external Teach-in input, miniature housing