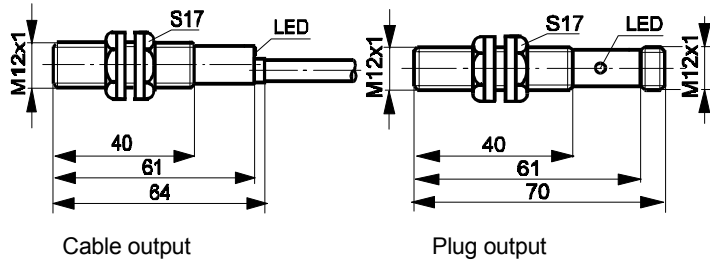


PCID 2

Operating distance [mm]: 0÷2
 Mounting: flush
 Polarization type: PNP & NPN
 Output signal: N.O. / N.C.
 Housing: nickel-plated brass, M12x1



Type

PCID 2ZP

PCID 2ZP-K

PCID 2RP

PCID 2RP-K

PCID 2ZN

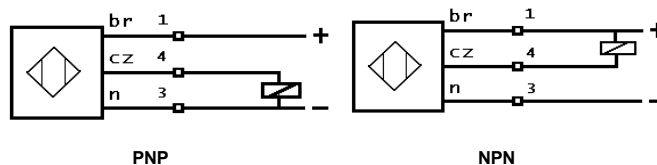
PCID 2ZN-K

PCID 2RN

PCID 2RN-K

Rated operating distance	2 mm	2 mm
Tolerance of operating distance	≤10 %	≤10 %
Assured operating distance	0 ÷ 1,6 mm	0 ÷ 1,6 mm
Typical switching hysteresis	≤10 %	≤10 %
Range of operating voltage	10 ÷ 30 V DC	10 ÷ 30 V DC
Max. residual ripple	≤10 %	≤10 %
Output current	200 mA	200 mA
Power consumption (no load)	≤8 mA	≤8 mA
Voltage drop	0,8 ÷ 1,8 V DC	0,8 ÷ 1,8 V DC
Signal output	PNP	NPN
Output function	N.O. N.C.	N.O. N.C.
Repeatability	0,1 mm	0,1 mm
Max. switching frequency	1000 Hz	1000 Hz
Function display	LED	LED
Temperature drift	4 μm / °C	4 μm / °C
Ambient temperature range	-25°C ÷ +70°C	-25°C ÷ +70°C
Protection standard	IP 67	IP 67
Vibration	t ≤55 Hz, a _{max} = 1mm	t ≤55 Hz, a _{max} = 1mm
Shock	b _{max} ≤30g, t = 0,011 sek	b _{max} ≤30g, t = 0,011 sek
Connection	cable 3 x 0,34 mm ² , 2 m or connector M12 4-pin	3 x 0,34 mm ² , 2 m or connector M12 4-pin
Weight	65 g with cable / 20 g with connector	

For special request:
 - range of operating voltage 24÷60 VDC or
 output current 400 mA
 - various cable length



Example request :

