Cylindrical Type DC 3-wire

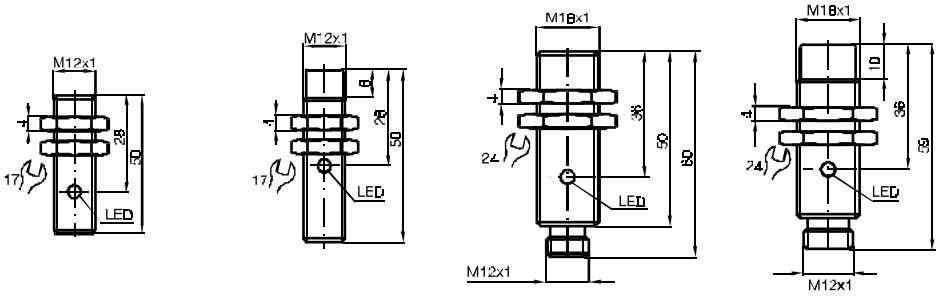
For use in A.C. and D.C. welding fields

2 mm embeddable

4 mm not embed.

5 mm embeddable

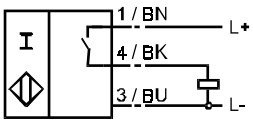
8 mm not embed.



Operating dist. s_n, mounting		2 mm, embeddable	4 mm, not embedd.	5 mm, embeddable	8 mm, not embedd.
PNP	Make function	NJ2-12GM40-E2-C-V1	NJ4-12GM40-E2-C-V1	NJ5-18GM50-E2-C-V1	NJ8-18GM50-E2-C-V1
	Break function				
NPN	Make function				
	Break function				
Assured operat. dist. s_a [mm]		0 ... 1,62	0 ... 3,24	0 ... 4,05	0 ... 6,48
Reduction factor	r_{V2A}	0,65	0,75	0,65	0,75
	r_{Al}	0,2	0,38	0,25	0,5
	r_{Cu}	0,15	0,35	0,2	0,45
Operating voltage U_B [V]		10 ... 60	10 ... 60	10 ... 60	10 ... 60
Operational current I_L [mA]		200	200	400	400
Switching frequency [Hz]		500	400	200	100
No-load supply current [mA]		15	15	15	15
Voltage drop [V]		3	3	3	3
Constant magn. field [mT]		350	250	250	200
Alternating magn. field [mT]		350	200	200	100
Short circuit protection		pulsing	pulsing	pulsing	pulsing
Reverse polarity protection		yes	yes	yes	yes
Output indicator		LED, yellow	LED, yellow	LED, yellow	LED, yellow
Operating temperature [°C]		-25 ... 70	-25 ... 70	-25 ... 70	-25 ... 70
In compliance with		EN60947-5-2	EN60947-5-2	EN60947-5-2	EN60947-5-2
Protection to DIN 40050		IP 67	IP 65	IP 67	IP 67
Connection		V1- connector	V1- connector	V1- connector	V1- connector
Conductor cross section		-	-	-	-
Housing material		Brass, teflon coated	Brass, teflon coated	Brass, teflon coated	Brass, teflon coated
Sensing face		PPS	PPS	PPS	PPS

Standard symbol / connection

E2



Inductive sensors

We reserve the right to make modifications and no garantee of the accuray of information contained herein is given. Copyright by Pepperl+Fuchs, Printed in Germany