

Rectangular Type

DC

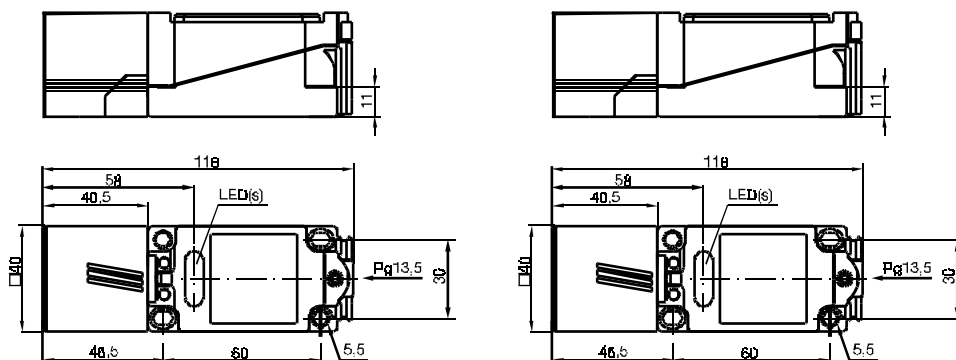
3-/4-wire

Standard series

15 mm embeddable

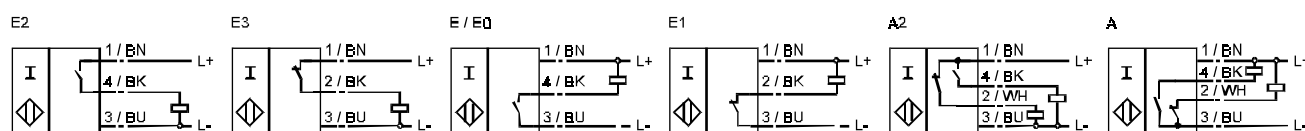
20 mm embeddable

30 mm not embed.



Operating dist. s_n , mounting	15 mm, embeddable	20 mm, not embedd.	30 mm, not embedd.	
PNP	Make function	NJ15+U1+E2	NJ20+U1+E2	NJ30+U1+E2
	Break function	NJ15+U1+E3	NJ20+U1+E3	NJ30+U1+E3
NPN	Make function	NJ15+U1+E	NJ20+U1+E	NJ30+U1+E
	Break function	NJ15+U1+E1	NJ20+U1+E1	NJ30+U1+E1
PNP	Antivalent	NJ15+U1+A2	NJ20+U1+A2	NJ30+U1+A2
NPN	Antivalent	NJ15+U1+A	NJ20+U1+A	NJ30+U1+A
Assured operat. dist. s_a [mm]	0 ... 12,15	0 ... 16,2	0 ... 24,3	
Reduction factor	r_{V2A}	0,75	0,8	0,8
	r_{AI}	0,3	0,35	0,45
	r_{Cu}	0,25	0,35	0,4
Operating voltage U_B [V]	10 ... 60	10 ... 60	10 ... 60	
Operational current I_L [mA]	200	200	200	
Switching frequency [Hz]	150	150	100	
No-load supply current [mA]	10	10	10	
Voltage drop [V]	2,8	2,8	2,8	
Short circuit protection	pulsing	pulsing	pulsing	
Reverse polarity protection	yes	yes	yes	
Output indicator	LED, yellow	LED, yellow	LED, yellow	
Operating temperature [°C]	-25 ... 70	-25 ... 70	-25 ... 70	
In compliance with	EN60947-5-2	EN60947-5-2	EN60947-5-2	
Protection to DIN 40050	IP 67	IP 67	IP 67	
Connection	terminal compartment	terminal compartment	terminal compartment	
Conductor cross section	up to 2,5 mm ²	up to 2,5 mm ²	up to 2,5 mm ²	
Housing material	PBT	PBT	PBT	
Sensing face	PBT	PBT	PBT	

Standard symbol / connection



Inductive sensors