

Rectangular Type

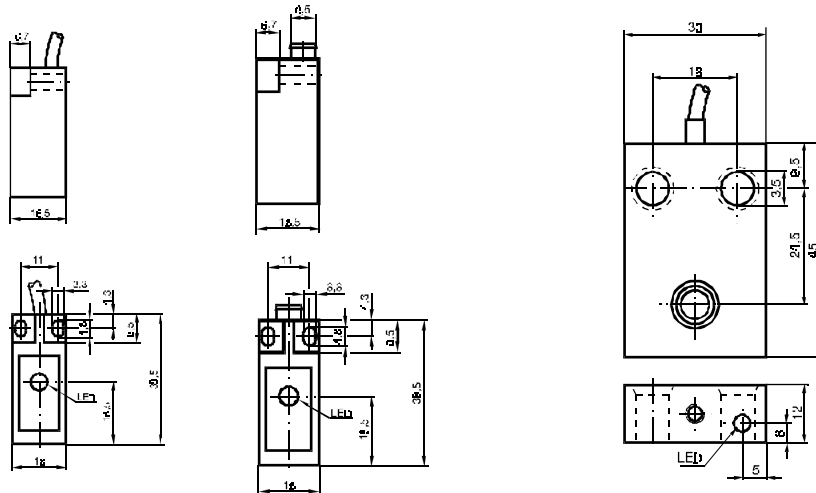
DC

3-/4-wire

Basic series

5 mm embeddable

6 mm embeddable



Operating dist. s _n , mounting	5 mm, embeddable	5 mm, embeddable	6 mm, embeddable	6 mm, embeddable
PNP	Make function	NBB5-F9-E2	NBB5-F9-E2-V3	NJ6-F-E2
	Break function			
NPN	Make function	NBB5-F9-E0	NBB5-F9-E0-V3	NJ6-F-E
	Break function			
PNP Antivalent				NJ6-F-A2
NPN Antivalent				NJ6-F-A
Assured operat. dist. s _a [mm]	0 ... 3,825	0 ... 3,825	0 ... 4,8	0 ... 4,8
Reduction factor	r _{V2A}	0,6	0,6	0,7
	r _{AI}	0,3	0,3	0,22
	r _{Cu}	0,2	0,2	0,2
Operating voltage U _B [V]	10 ... 30	10 ... 30	10 ... 60	10 ... 60
Operational current I _L [mA]	150	150	200	200
Switching frequency [Hz]	500	500	500	500
No-load supply current [mA]	15	15	20	20
Voltage drop [V]	3	3	3	3
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 67	IP 67	IP 67
Connection	2 m, PVC-cable	V3- connector	2 m, PUR- cable	2 m, PUR- cable
Conductor cross section	0,14 mm ²	-	0,34 mm ²	0,34 mm ²
Housing material	PBT	PBT	PBT	PBT
Sensing face	PBT	PBT	PBT	PBT

Standard symbol / connection

