

Rectangular Type

AC; DC

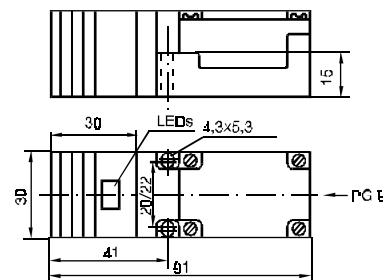
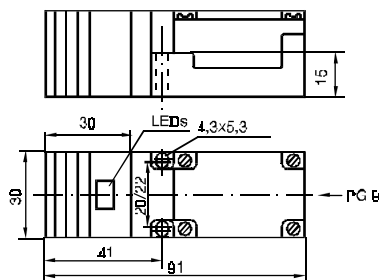
2-/3-wire

Standard series

15 mm not embed.

Basic series

15 mm not embed.



Operating dist. s _n , mounting	15 mm, not embedd.	15 mm, not embedd.	15 mm, not embedd.	15 mm, not embedd.
DC	Make function	NCN15-M1K-Z0		
	Make / Break function	NCN15-M1K-Z1	NCN15-M1K-Z2	
PNP	Make / Break function		NCN15-M1K-E5	
NPN	Make / Break function		NCN15-M1K-E4	
AC	Make function			NBN15-M1K-WS
	Break function			NBN15-M1K-WÖ
Assured operat. dist. s _a [mm]	0 ... 12,15	0 ... 12,15	0 ... 12,15	0 ... 12,2
Reduction factor	r _{V2A}	0,7	0,7	0,82
	r _{AI}	0,38	0,38	0,43
	r _{Cu}	0,36	0,36	0,41
Operating voltage U _B [V]	5 ... 60	5 ... 60	10 ... 60	20 ... 253
Operational current I _L [mA]	2...200	2...200	0...200	5...400
Switching frequency [Hz]	150	150		20
No-load supply current [mA]	-	-	14	-
Off-state current I _R [mA]	1	1	0,5	1,7
Short time c. 20ms, 0,1Hz [mA]	-	-	-	2400
Voltage drop [V]	5	5	3	8
Short circuit protection	pulsing	pulsing	pulsing	-
Reverse polarity protection	tolerant	tolerant	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	terminal compartment	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	up to 2,5 mm ²
Housing material	PBT	PBT	PBT	PBT
Sensing face	PBT	PBT	PBT	PBT

Standard symbol / connection

