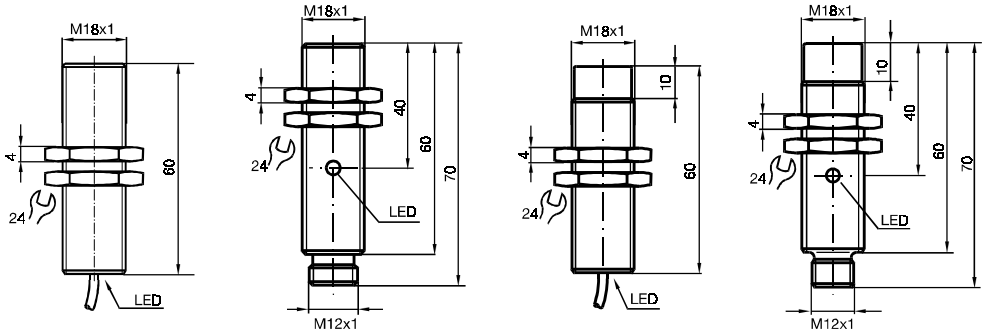
Cylindrical Type DC 4-wire

Basic series

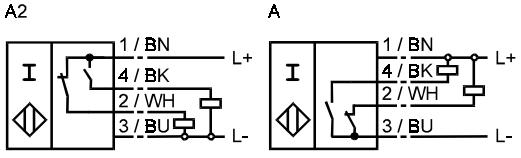
5 mm embeddable

8 mm not embed.



Operating dist. s_n, mounting		5 mm, embeddable	5 mm, embeddable	8 mm, not embedd.	8 mm, not embedd.
PNP Antivalent		NBB5-18GM60-A2	NBB5-18GM60-A2-V1	NBN8-18GM60-A2	NBN8-18GM60-A2-V1
NPN Antivalent		NBB5-18GM60-A0	NBB5-18GM60-A0-V1	NBN8-18GM60-A0	NBN8-18GM60-A0-V1
Assured operat. dist. s_a	[mm]	0 ...4,05	0 ...4,05	0 ...6,48	0 ...6,48
Reduction factor	r_{V2A}	0,66	0,66	0,75	0,75
	r_{Al}	0,25	0,25	0,45	0,45
	r_{Cu}	0,15	0,15	0,4	0,4
Operating voltage U_B	[V]	10 ...30	10 ...30	10 ...30	10 ...30
Operational current I_L	[mA]	200	200	200	200
Switching frequency	[Hz]	800	800	700	700
No-load supply current	[mA]	20	20	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	V1- connector	2 m, PVC-cable	V1- connector
Conductor cross section		0,34 mm²	-	0,34 mm²	-
Housing material		Brass	Brass	Brass	Brass
Sensing face		PBT	PBT	PBT	PBT

Standard symbol / connection:



Inductive sensors