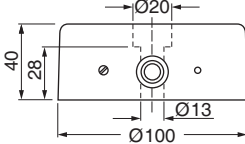
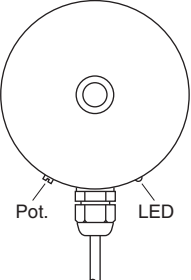


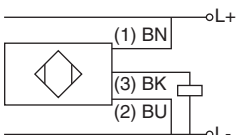
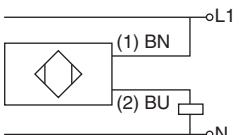


Long sensing range

Series KNK
Plastic-housing
Ø 100 mm

DC 10...55 V
AC 20...250 V



Design	DC PNP • Ø 100 mm	AC • Ø 100 mm
Dimensions Installation flush (f) non flush (nf)		
Operating distance sn [mm] (Adjustable range)	70 nf (1...120)	70 nf (1...120)
Switching output		
ID-No.	P40105	P40023
Type	KNK 090 GSP	KNK 090 WS
Supply voltage [V]	10...55 DC	20...250 AC
Switching current [mA]	400	400
Short circuit proof	•	3000 mA/10 ms
Overcurrent release [mA]	800	-
Reverse protection	•	-
Voltage drop [V]	1.5	10
Residual current [mA]	0.2	-
Minimum load current [mA]	-	5
Current consumption [mA]	4 (not actuated)	2.5
Switching frequency [Hz]	10	10
Ambient temperature [°C]	-25...+70	-25...+70
EMC-class	A	A
Protection [EN 60529]	IP 67	IP 67
LED display	•	•
Housing material	PBT	PBT
Connection	2 m PVC-cable 3x0.5 mm ² (PG plug connection)	2 m PVC-cable 2x0.5 mm ² (PG plug connection)
Connection diagram		
Accessories	see page 4.29	