

Demanding environment

Series IGM - Proximity switches

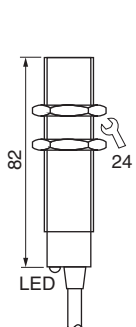
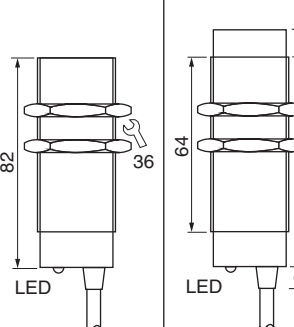
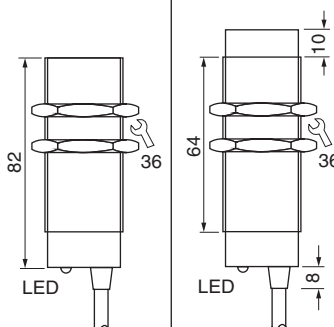



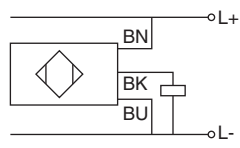
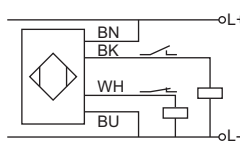
M18 / M30
Metal sleeve

DC 10...48 V
AC 20...250 V

Long form

Increased EMC



Design	DC PNP • M18x1		DC PNP • M30x1.5		AC • M30x1.5	
Dimensions						
Installation flush (f) non flush (nf)	LED		LED		LED	
Operating distance sn [mm]	5 f	8 nf	10 f	15 nf	10 f	15 nf
GSP  ID-No.	P31317	P31318	P31319	P31320	-	-
Type	IGM 005 GSP	IGM 008 GSP	IGM 010 GSP	IGM 015 GSP	-	-
GSOP  ID-No.	P31256	P31257	P31260	P31261	-	-
Type	IGM 005 GSOP	IGM 008 GSOP	IGM 010 GSOP	IGM 015 GSOP	-	-
WS  ID-No.	-	-	-	-	P30016	P30020
Type	-	-	-	-	IGM 010 WS	IGM 015 WS
Supply voltage [V]	10...48 DC				20...250 AC	
Switching current [mA]	200				400	
Short circuit proof	•				3000 mA/10 ms	
Reverse protection	•				-	
Voltage drop max. [V]	2				6	
Minimum load current [mA]	-				5	
Current consumption [mA]	2.5				2.5	
Switching frequency [Hz]	500				25	
Ambient temperature [°C]	-25...+75				-25...+75	
EMC-class	A				A	
Protection [EN 60529]	IP 67				IP 67	
LED display	•				•	
Housing material	Br-Ni / PBT				Br-Ni / PBT	
Connection	GSP: 2 m PVC-cable, 3x0.34 mm ² GSOP: 2 m PVC-cable, 4x0.34 mm ²				2 m PVC-cable 3x0.5 mm ²	
	<p>GSP</p> 		<p>GSOP</p> 		<p>WS</p> 