



Special functions | Factor 1

Proximity switches

M30
Ø 80 mm / Ø 160 mm

DC 10...30 V

Correction factor 1
for all metals



Design	M30x1.5	M30x1.5	Ø 80 mm	Ø 160 mm
Dimensions				
Installation flush (f) non flush (nf) adjustable (a)				
Operating distance sn [mm]	10 f	20 nf	70 nf-a	150 nf-a
Switching output PNP				
ID-No.	P31135	P31136	P31141	P31142
Type	IGBS 010 GSP	IGBS 020 GSP	IDBS 080 GPP	IDBS 160 GPP
Supply voltage [V]	10...30 DC			
Switching current [mA]	200			
Short circuit proof	•			
Current consumption [mA]	25			
Reverse protection	•			
Voltage drop max. [V]	2			
Switching frequency [Hz]	300		20	
Ambient temperature [°C]	- 25...+75			
EMC-class	A			
Protection [EN 60529]	IP 67			
Housing material	Br-Ni / PBT		PBT / Aluminium	
Connection	M12 connector		PG-plug connection 2 m, 3x0.5 mm² PVC	
PG-plug-system				
AC DC 1: BN 1: BN 2: BU 2: BU 3: BK 3: BK				
Disconnect power supply before pulling off plug connector. Spannungsversorgung abschalten bevor Steckverbindung gezogen wird.				