

## Special functions • Factor 1

### Series IGB / IDB - 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)	LED	LED	Pot. LED	Pot. LED
Operating distance sn [mm] Switching output PNP	10 f	20 nf	70 nf-a	150 nf-a
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 mm <sup>2</sup> PVC	
PG-plug-system				
<p>AC DC</p> <p>1: BN 1: BN</p> <p>2: BU 2: BU</p> <p>3: 3: BK</p> <p>Schalter / switch</p> <p>Disconnect power supply NO before pulling off plug connector. Spannungsversorgung abschalten bevor Steckverbindung gezogen wird.</p>				