Inductive Sensors

Demanding environment

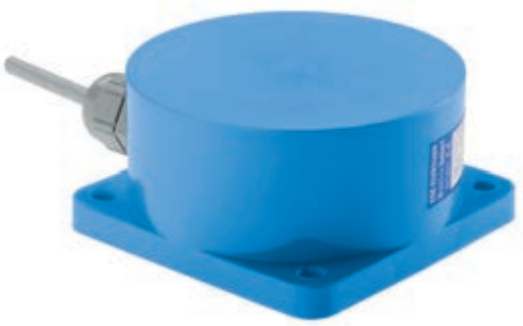
Series ID - Proximity switches

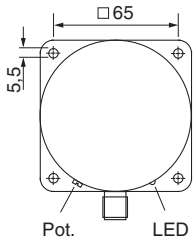
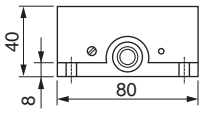
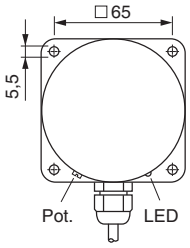
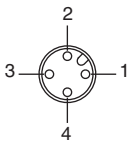
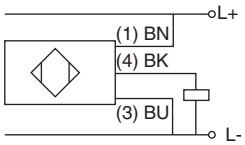
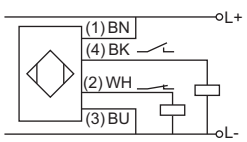
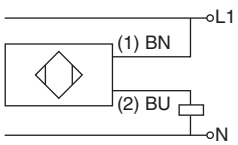
Ø80 mm

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

Sensing range adjustable

Increased EMC



Design	DC PNP • Ø80 mm	DC PNP • Ø80 mm	AC • Ø80 mm programmable
Dimensions Installation non flush (nf)			
Operating distance sn [mm] (Adjustable range)	55 nf (25…80)	55 nf (25…80)	55 nf (25…80)
GSP ID-No. Type	**P31321** IDU 080 GSP	**P31322** ID 080 GSP	–
GSOP ID-No. Type	**P31264** IDU 080 GSOP	**P31265** ID 080 GSOP	–
WP ID-No. Type	–	–	**P31266** IDS 080 WP
Supply voltage [V]	10...55 DC	10...55 DC	20...250 AC
Switching current [mA]	400	400	400
Short circuit proof	•	•	3000 mA/10 ms
Reverse protection	•	•	–
Voltage drop max. [V]	2	2	6 eff.
Minimum load current [mA]	–	–	8
Current consumption [mA]	4	4	2.5
Switching frequency [Hz]	20	20	10
Ambient temperature [°C]	–25...+75	–25...+75	–25...+75
EMC-class	A	A	A
Protection [EN 60529]	IP 67	IP 67	IP 67
LED display	•	•	•
Housing material	PBT	PBT	PBT
Connection	M12 connector	**GSP:** 2 m PVC-cable, 3x0.5 mm² **GSOP:** 2 m PVC-cable, 4x0.5 mm²	PG-plug connection 2 m, 2x0.75 mm², PVC
 1: BN 2: WH 3: BU 4: BK	**GSP** 	**GSOP** 	**WP** 
Accessories	connecting cable SLG 3-2 (GSP) / SLG 4-2 (GSOP), page 3.69		