

## Ex inductive sensors

// Ex IS M12 NB 2m Order no.: 90213011

### Features/Options

- Ex zone 0 and 20
- Metal enclosure
- Variants for non-flush mounting
- Long life, no mechanical wear
- Suitable for the food processing industry
- Insensitive to soiling
- Enclosure diameter M12 x 1

### Technical data

Standards	EN 60947-5-2; EN 50014; EN 50020; EN 50284; EN 50281-1-1
Enclosure	brass-nickel, PA
Nuts	2, brass-nickel
Switching system	namur per DIN EN 60947-5-6
Connection	2 m pre-wired cable PVC 2 x 0.5 mm <sup>2</sup>
Degree of protection	IP 67 to IEC/EN 60529
Switching distance $s_n$	4 mm
Switching distance in %	steel St 37: 100 %, stainless steel: 70 %, brass: 50 %, copper: 45 %, aluminium: 40 %
Input power $P_i$	max. 50 mW
Input voltage $U_i$	max. 12.6 VDC
Input current $I_i$	max. 15.9 mA
Tightening torque for the nuts	10 Nm
Ambient temperature	-25 °C ... +75 °C
Ex-marking	⊕ II 1G Ex ia IIC T6, II 1D IP67 T100°C
Approvals	TÜV 06 ATEX 553179

Errors and omissions excepted.