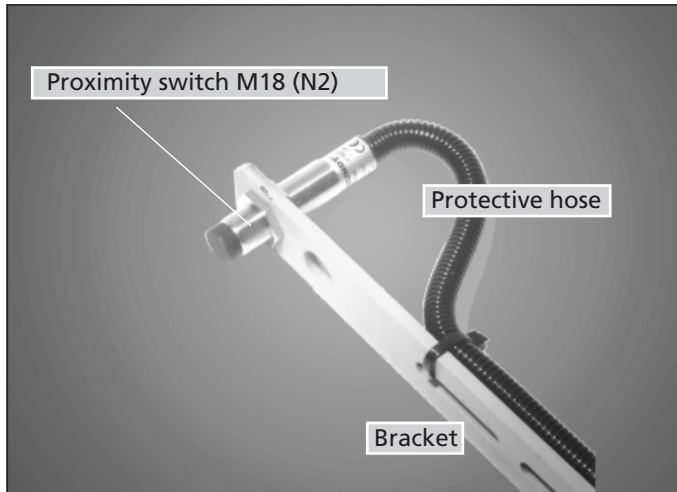


DATA SHEET


Proximity switch M18 (N2), single sensor
Order number:
 30210090

SCOPE OF DELIVERY

PCs/Specification	Order no.
1 Proximity switch M18 (N2), single sensor	30210090

OPTIONS

1 Bracket for proximity switch N2	50111060
1 Protective bracket for proximity switch N2	50111795
1 Protective hose (Polyflex corrugated hose PG9)	50111710

TECHNICAL DATA

Design switching distance:	8 mm
Operating switching distance:	0 ... 6.5 mm
Installation type:	not flush
Voltage rating (U_e):	12 - 48 V DC
Operating voltage (U_B):	10 - 60 V DC
Switching current (I_e):	≤ 200 mA
Residual current (I_R):	< 0.1 mA
Power consumption without load (I_0):	< 8 mA
Voltage drop (U_d):	2.5 V
Switching hysteresis:	approx. 10 %
Reproducibility:	≤ 5 %
Reaction time:	≤ 50 ms
Switching frequency:	200 Hz
Protection to DIN 40050:	IP 67
Temperature limit switch:	- 25°C to + 100°C
Connection type (cable)	3 x 0.5 mm ² x 9 m
Output:	overload-resistant and resistant to continuous short circuit

BRIEF DESCRIPTION

- Inductive proximity switch with patented cable protection.
- **Wiring diagram (NPN transistor output)**

