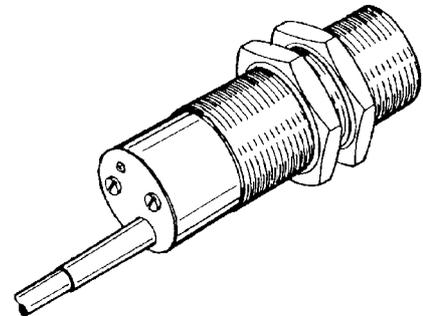


Proximity switch with speed monitoring function in all-current technology in M 30 plastic casing.

For monitoring the operating frequency for control of slip, belt rupture, breakage or overload of conveyor belts, worm drives, mixture plants, pumps etc.

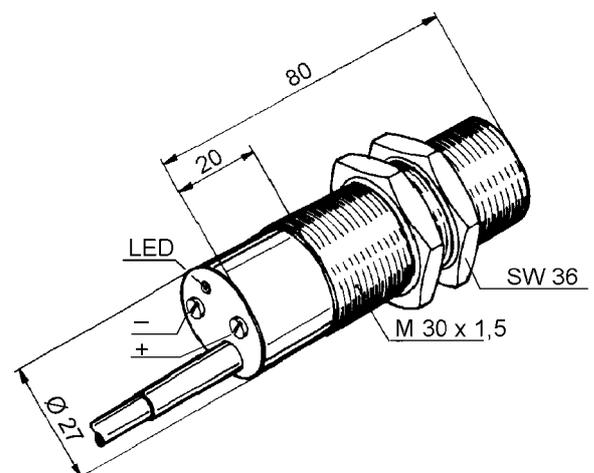
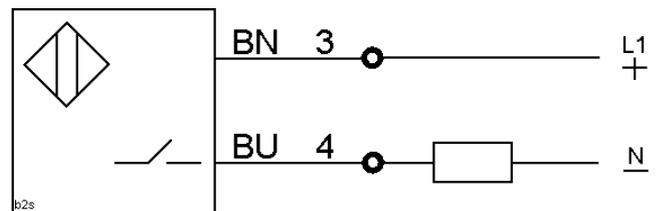
The comfortable TEACH-IN function allows programming of speed and start-up time.



## Technical Data

<b>Type</b>	<b>IDL 015.05 G</b>
Art.-No.	2474A
Monitoring frequency prog.	1...3000 puls./min.
Rated operating distance (Sn)	15 mm
Output	normally open Opened if the number of pulses is not reached
Target steel St37, 1 mm thick	45 x 45 mm
Location at metal	non flush
Supply voltage (UB)	20 - 260 V AC/DC
Power frequency	40 - 440 Hz
Ripple voltage	max. 15 % (DC)
Load current max.	10 - 400 mA
Short- time load current	0,8 A / 100 ms 2 A / 10 ms
Short circuit protection	yes
Residual current (Ir)	3,5 mA / 260 V AC
Voltage drop (Ud)	10,5 V
Start-up time prog.	0 – 120 s
Switching hysteresis (H)	3 - 15 %
Switching hysteresis speed controller	10 %
Ambient temperature	-25 ... +70 °C
Protection class	IP 67
Connection	2 m cable
Function display	LED
Housing material	plastic PBT

## Diagram of Connections



When the supply voltage is applied the output closes for 9 s. Thereafter the sensor evaluates the actual operating frequency. If the rated value set is not reached, the output is blocked.

For further setting information see 006D.