

Inductive Sensor

with Standard Switching Distances

I18N002

weproTec

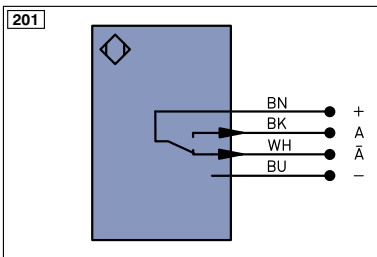
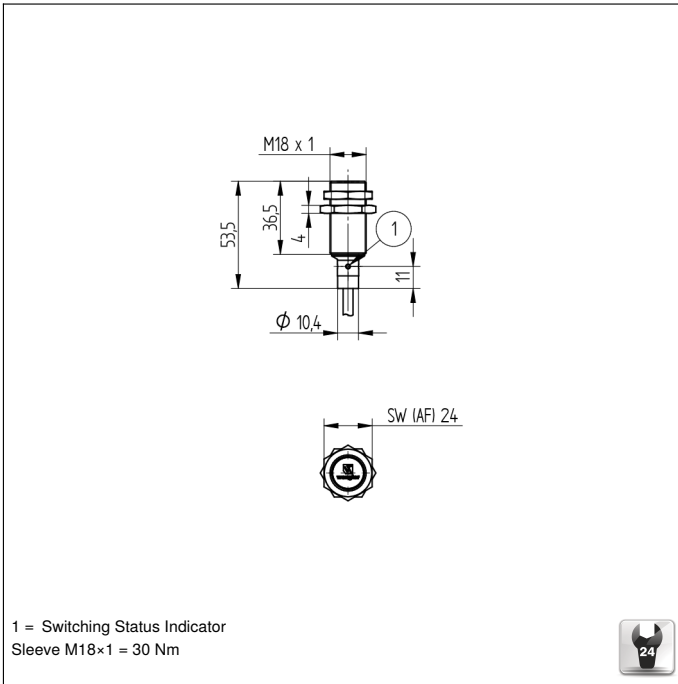


- Innovative ASIC circuit technology
- Integrated error display
- Minimal mounting clearance thanks to wenglor weproTec

Inductive Sensors with standard switching distances are distinguished by rugged design, easy installation and reliable measured values. In addition to error-free operation of several sensors in a very small space, the new generation also provides the possibility of detecting system errors before it's too late thanks to ASIC und wenglor weproTec.

Inductive Data	
Switching Distance	5 mm
Correction Factors Stainless Steel V2A/CuZn/Al	1,10/0,45/0,41
Mounting	flush
Mounting A/B/C/D in mm	0/24/8/0
Mounting B1 in mm	0...12
Switching Hysteresis	< 10 %
Electrical Data	
Supply Voltage	10...30 V DC
Current Consumption (U _b = 24 V)	< 12 mA
Switching Frequency	1110 Hz
Temperature Drift	< 10 %
Temperature Range	-40...80 °C
Switching Output Voltage Drop	< 1 V
Switching Output/Switching Current	150 mA
Residual Current Switching Output	< 100 µA
Short Circuit Protection	yes
Reverse Polarity and Overload Protection	yes
Protection Class	III
Mechanical Data	
Housing Material	CuZn, nickel-plated
Degree of Protection	IP67
Connection	Cable, 4-wire, 2 m
Cable Jacket Material	PVC
Safety-relevant Data	
MTTFd (EN ISO 13849-1)	3706,54 a
Function	
Error Indicator	yes
PNP NO/NC antivalent	●
Connection Diagram No.	201
Suitable Mounting Technology No.	150 151

* Temperature range with permanently installed cable, bending radius: > 40 mm



Mounting

