



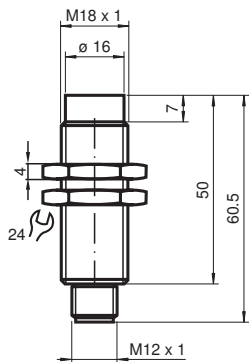
Inductive analog sensor

924AB3HM-L2P

- Inductive analog
- Voltage output



Dimensions



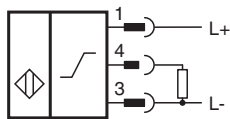
Technical Data

General specifications			
Installation			non-flush
Measurement range			2 ... 5 mm
Output type			3-wire
Nominal ratings			
Operating voltage	U _B		13.5 ... 30 V
Output signal			1 ... 9 V
Reverse polarity protection			yes
Short-circuit protection			no
Recovery time			1 ... 20 ms
Load resistor			0 ... 2 kOhm
Switching state indicator			no
Functional safety related parameters			

Technical Data

MTTF _d	1733 a
Mission Time (T _M)	20 a
Diagnostic Coverage (DC)	0 %
Output	
Output resistance	max. 50 Ω
Compliance with standards and directives	
Standard conformity	
Standards	EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012
Approvals and certificates	
CCC approval	CCC approval / marking not required for products rated ≤36 V
Ambient conditions	
Ambient temperature	0 ... 60 °C (32 ... 140 °F)
Mechanical specifications	
Connection type	Connector plug M12 x 1 , 4-pin
Housing material	brass, nickel-plated
Sensing face	Ceramic
Degree of protection	IP67

Connection



Release date: 2020-03-20 Date of issue: 2020-03-30 Filename: 451255_eng.pdf