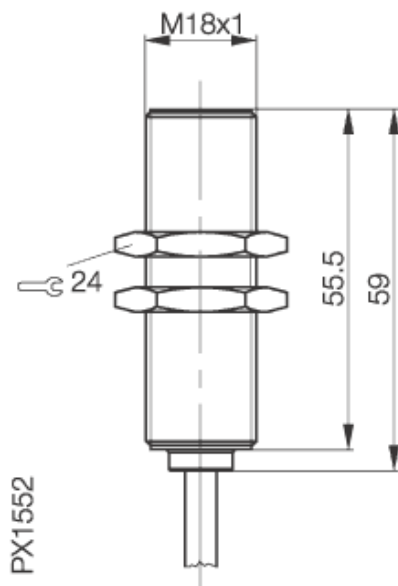


BAW M18MM-UAZ50B-BP05-505
Inductive Distance Sensors

1...5 mm
0...10 V



Approval

CE,cULus

Electrical data:

Connection	cable
Rated operational voltage DC	24 V
Rated operational current (I _e)	20 mA
Rated insulation voltage (U _i)	250 AC
Time delay before available	5 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	0,3
Load capacitance max	0,1 µF
No-load supply current I ₀ / U _e	20 mA
Off-state current max (I _r)	10 µA
Supply voltage ripple	10 %
Switching output	PNP
Switching element function	Voltage falling and NO
Operating frequency (f)	1000 Hz
Voltage drop static max	1,5 V
Supply voltage max. (U _b)	26,4 V
Supply voltage min. (U _b)	21,6 V
Output voltage sl max	10 V
Output voltage sl min	0 V
Cutoff frequency (-3dB output amplitude)	500 Hz
Load resistance min (R _L)	2000 Ohm
Output voltage at se	5 V
Temperature compensation	no
Linear range max (sl)	5 mm
Linear range min (sl)	1 mm
Non-linearity	±120 µm
Output signal	0...10 V

General data:

Supply voltage indicator	no
Short circuit protected	yes
Degree of protection IP	IP 67
Insulation class	2
Polarity reversal resistant	yes
Protected against reversal	no

Mechan

Midpoint
Cable co
Cable le
Mounting
Surface
Tempera
Ambient
Ambient
Sensing
Housing
Cable sh
Repeata
Cable di
Working
Working
Time del
Measure
Opt. wor
Opt. wor
Tempera
Tempera
Tempera
Repeat
Adjustm
Working

Wiring:

