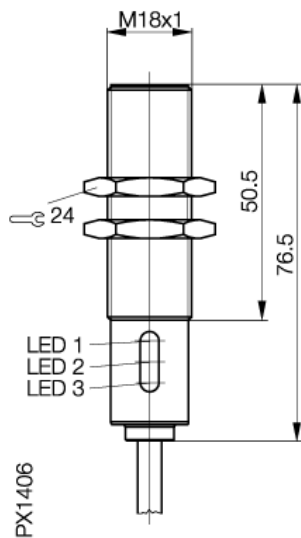


BAW M18MI2-UAC50B-BP05-002
Ordercode BAW002M



Electrical data:

Connection	cable
Rated operational voltage DC	24 V
Rated operational current (I _e)	20 mA
Time delay before available	5 ms
Hysteresis max (H)	0,3
No-load supply current I ₀ / U _e	20 mA
Off-state current max (I _r)	10 µA
Supply voltage ripple	15 %
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)	30 V
Supply voltage min. (U _b)	15 V
Output voltage sl max	10 V
Output voltage sl min	0 V
Temperature compensation	no
Linear range max (sl)	5 mm
Linear range min (sl)	1 mm
Non-linearity	±120 µm

Mechanical data:

Cable length	5 m
Mounting	flush mountable
Surface treatment	nickel plated
Temperature drift max.	10 %
Ambient temperature max (T _a)	70 °C
Ambient temperature min (T _a)	-10 °C
Sensing face material	PBTP
Housing material	CuZn
Cable sheath material	PUR
Repeatability	3 %
Time delay before available max	1 ms
Measurement velocity	40 m/s
Opt. working temperature max.	50 °C
Opt. working temperature min.	10 °C
Temperature coefficient max.	-3,0 µm/K
Temperature coefficient min.	0,0 µm/K
Temperature coefficient typ.	-1,5 µm/K
Repeat accuracy	±8,0 µm
Adjustment indicator	no

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
Approval	CE,cULus

Wiring:

