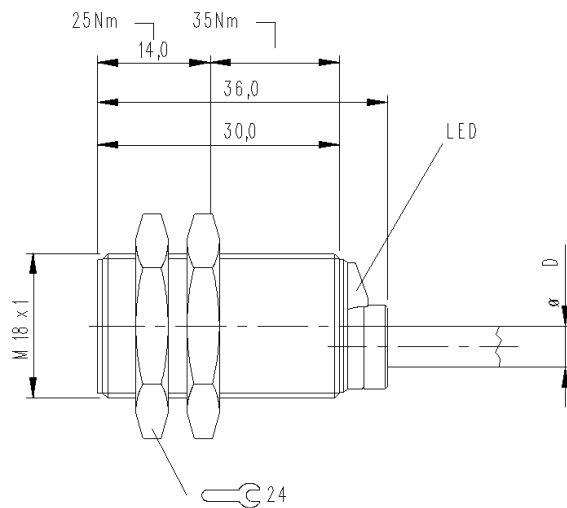


BAW M18ME-ICC50B-BP03

BAW001T



Electrical data:

Connection	cable
Rated operational voltage DC	24 V
Rated insulation voltage (Ui)	75 DC
Electrical type	DC
Supply voltage ripple	15 %
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	15 V
Output current at se	12 mA
Output current at sl max	20,0 mA
Output current at sl min	4,0 mA
Cutoff frequency (-3dB output amplitude)	500 Hz
Load resistance max (RI)	500 Ohm
Linear range max (sl)	5 mm
Linear range min (sl)	1 mm
Non-linearity	±120 µm

Mechanical data:

Midpoint of linear range (se)	3 mm
Cable length	3 m
Mounting	flush mountable
Surface treatment	nickel plated
Ambient temperature max (Ta)	70 °C
Ambient temperature min (Ta)	-10 °C
Sensing face material	PBT
Housing material	CuZn
Cable sheath material	PUR
Repeatability	3 %
Working area max (sa)	5 mm
Working area min (sa)	1 mm
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.	-5,5 µm/K
Temperature coefficient min.	-1,5 µm/K

Temperature coefficient typ.

-3,0 µm/K

Repeat accuracy

±8,0 µm

Adjustment indicator

yes

General

Degree of

Polarity re

Protected

Wiring:

