

Made in Germany

Product characteristics

Compact speed monitor M30

DIA

M30 x 1.5

Cable

Sensing range 10 mm [f]

flush mountable

Application

Application

Switching function

Electrical design

Switching output

Electrical data

Nominal voltage [V]

Reverse polarity protection

Outputs

Transistor

Current rating (continuous) [mA]

Current rating (peak) [mA]

Minimum load current [mA]

Leakage current [mA]

Voltage drop [V]

Short-circuit proof

Overload protection

Range

Sensing range [mm]

Correction factors

Measuring / setting range

Setting range [pulses/min.]

Adjustment of the switch point

Hysteresis [% of Sp]

Start-up delay [s]

Reaction times

Damping frequency (max.) [pulses/min]

Environment

Ambient temperature [°C]

Protection

Safety classification

MTTF [a]

Mechanical data

Mounting

Housing materials

simple evaluation of rotating and linear movement with regard to underspeed; blocking output is switched during the start-up delay and if (f actual) is greater than (f preset)

AC/DC

normally open

20...250 AC/DC

no

350 AC (...50 °C) / 250 AC (...80 °C) / 100 DC

2200

> 6

< 1.5

< 6.5

no

no

10

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / Al approx. 0.4 / Cu approx. 0.3

5...300

multiturn potentiometer

10

12

1500

-25...80

IP 67

347

flush mountable

brass special coating; PBT (Pocan)

DI0001 - Compact speed monitor M30 - eclass: 27230220 / 27-23-02-20

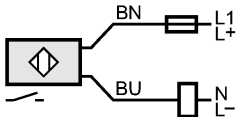
Weight	[kg]	0.256
Displays / operating elements		
Output status indication	LED	green
Electrical connection		
Connection		PVC cable / 2 m; 2 x 0.5 mm²

Wiring

Core colours

BN brown

BU blue



Note: miniature fuse to IEC60127-2 sheet 1,
≤ 2 A (fast acting)

Remarks	
Remarks	Recommendation: check the unit for reliable function after a short circuit.
Pack quantity	[piece] 1