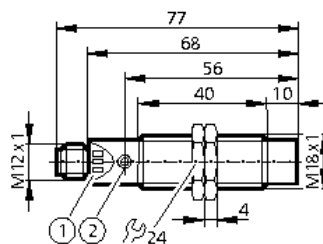


ecomat200

Evaluation systems, power supplies

DI601ACompact speed monitor M18
DGA3012-WPKG/US/3D

Plug and socket

ATEX approval
Group II, category 3D
gold-plated contactsSensing range 12mm [nf]
non-flush mountable

CE

1: 3 LED 2: setting pushbutton

Application

Evaluation of rotating and linear movements for speed below the preset value, blockage

Electrical design

DC PNP

Output

normally open / closed programmable

Setting range [pulses/min.]

3...6000

Operating voltage [V]

10...36 DC

Current rating [mA]

150 **

Minimum load current [mA]

—

Short-circuit protection

pulsed

Reverse polarity protection

yes

Overload protection

yes

Voltage drop [V]

< 2.5

Leakage current [mA]

—

Current consumption [mA]

< 15

Damping frequency (max.) [pulses/min]

18000

Correction factors

mild steel = 1 / stainless steel approx. 0.8 / brass approx. 0.5 / Al approx. 0.4 / Cu approx. 0.3

Hysteresis [% / Sr]

10

Start-up delay [s]

0...15

Switching function

output is switched during the start-up delay and if (f actual) is greater than (f present) *

Adjustment of the switch point

Teach function

Operating temperature [°C]

-20...60

Protection

IP 67 ☐

EMC

EN 60947-5-2

Marking of the unit
Housing material

stainless steel (320S31); PBT

Function display**Switching status LED**

yellow

Operation LED

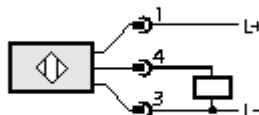
green

Input pulses LED

green

Connection

M12 connector; gold-plated contacts

Wiring**Remarks**

*) factory setting

**) 250 mA when used outside the ATEX area

