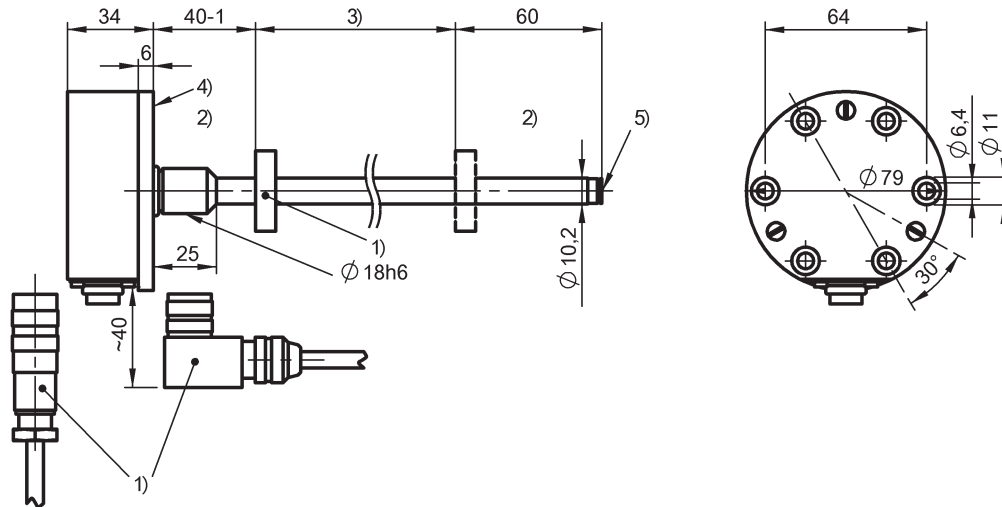




1) Not incl. in scope of del. 2) Unusable area 3) Nom. stroke = Meas. length 4) Mounting surface 5) Internal thread M4x4/6 deep

- Series Compact Rod
- Analog interface, voltage



General attributes

Approvals / Conformity

Enclosure Type per IEC 60529
Generation
No of magnets, factory setting
Polarity reversal protected

cURus
CE
IP67 (with connector)
Generation 5
1 ST
Yes

Electrical attributes

Connection type
Current draw (at 24 V DC)
Error signal Ua falling
Error signal Ua rising
For dynamic loop applications
Inrush current
Interface
Interface group
Non-linearity max.
Number of magnets max.
Operating voltage UB max. DC [V]
Operating voltage UB min. DC [V]
Output signal
Overvoltage protected
Potential isolation
Ripple
Ripple Ua max.
Voltage resist (GND – housing)

Connector
≤ 150 mA
< 0 V
≥ 10.2 V
No
≤ 3 A / 0.5 ms
Analog interface, voltage
Analog
±100 µm
1 ST
28.0 V
20.0 V
0...10 V and 10...0 V
Yes
No
0.5 Vpp
5 mV
500 V DC

Mechanical attributes

Nominal stroke
Ambient temperature Ta max.
Ambient temperature Ta min.
Cable/connector out

300 mm
85 °C
-40 °C
Radial

Connector type

E module
EN55016-2-3 (emission)
EN60068-2-27 (shock)
EN60068-2-29 (contin. shock)
EN60068-2-6 (vibration)
EN60068-2-64 (noise)
EN61000-4-2 (ESD)
EN61000-4-3 (RFI)
EN61000-4-4 (Burst)
EN61000-4-5 (Surge)
EN61000-4-6 (HF fields)
EN61000-4-8 (magnetic fields)
Flange material
Housing material
Installation length
Mounting type
Null point
Number of poles
O-ring material
Offset mounting surface
Outer tube material
Pressure resistance
Relative humidity
Repeat accuracy
Resolution
Sampling rate (length-depend.)
Storage temperature max.
Storage temperature min.
Style
TK, typ. (at 50 % of 500 mm)
Version
With O-ring

M16

200 kN/mm²
Industrial sector
100 g / 6 ms
100 g / 2 ms
12 g, 10...2000 Hz
5 g, 10...2000 Hz
Severity Level 3
Severity Level 3
Severity Level 3
Severity Level 3
Severity Level 2
Severity Level 3
Severity Level 4
Stainl. steel 1.4404 or 1.4571
Stainless steel 1.4305
400
Flange Ø18h6 plus holes
40.0 mm
8
Viton
No
Stainless steel 1.4571
≤ 600 bar
< 90 %, non-condensing
≤ 0.1 mV
≤ 0.1 mV
1 kHz, standard
100 °C
-40 °C
Series Compact Rod
≤ 35 ppm/K
Type K
Yes

Pin	
1	NC
2	GND output
3	10...0 V
4	NC
5	0...10 V
6	GND
7	+24 V DC
8	NC

