



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 CE
 cURus
 Enclosure Type per IEC 60529 IP67 (with connector)
 Generation Generation 5
 Polarity reversal protected Yes

Electrical attributes

Connection type Connector
 Current draw (at 24 V DC) ≤ 150 mA
 Error signal U_a falling < 0 V
 Error signal U_a rising ≥ 10.2 V
 For dynamic loop applications No
 Inrush current ≤ 3 A / 0.5 ms
 Interface Analog interface, voltage
 Interface group Analog
 Non-linearity max. ±100 μm
 Operating voltage U_B max. DC [V] 28.0 V
 Operating voltage U_B min. DC [V] 20.0 V
 Output signal 0...10 V and 10...0 V
 Overvoltage protected Yes
 Potential isolation No
 Ripple 0.5 V_{pp}
 Ripple U_a max. 5 mV
 Voltage resist (GND – housing) 500 V DC

Mechanical attributes

Nominal stroke 200 mm
 Ambient temperature T_a max. 85 °C
 Ambient temperature T_a min. -40 °C
 Cable/connector out Radial
 Connector type M16

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
 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

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 2
 Severity Level 3
 Severity Level 4
 Stainl. steel 1.4404 or 1.4571
 Stainless steel 1.4305
 Flange with 6 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

