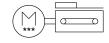
Toothed belt axis unit ELGS-TB-KF-45-200-ST-M-H1-PLK-AA

FESTO

Part number: 8083665





Data sheet

| Feature | Value |
|--|--|
| Effective diameter of drive pinion | 19.1 mm |
| Working stroke | 200 mm |
| Size | 45 |
| Stroke reserve | 0 mm |
| Toothed-belt stretch | 0.187 % |
| Toothed-belt pitch | 2 mm |
| Mounting position | Horizontal |
| Guide | Recirculating ball bearing guide |
| Design | Electromechanical linear axis With toothed belt With integrated drive |
| Position detection | Motor encoder Via proximity switch |
| Rotor position sensor | Absolute single-turn encoder |
| Rotor position sensor, encoder measuring principle | Magnetic |
| Temperature monitoring | Switch-off for excessive temperature Integrated precise CMOS temperature sensor with analogue output |
| Additional functions | User interface Integrated end-position sensing |
| Display | LED |
| Max. acceleration | 6 m/s ² |
| Max. speed | 0.96 m/s |
| Repetition accuracy | ±0.1 mm |
| Features of digital logic outputs | Configurable Not galvanically isolated |
| Duty cycle | 100% |
| Insulation protection class | В |
| Max. current digital logic outputs | 100 mA |
| Max. current consumption | 5,3 A |
| Nominal voltage DC | 24 V |
| Nominal current | 5.3 A |
| Parameterisation interface | IO-Link User interface |

| Sooks 2-6 Shock resistance Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 LABS (PWIS) conformity VDMA24364 zone III Storage temperature 20 °C60 °C Relative air humidity 0-90% Degree of protection IPA0 Ambient temperature 0 °C50 °C Note on ambient temperature 0 °C50 °C Note on ambient temperature 140000 mm² 2nd moment of area ly 140000 mm² 2nd moment of area ly 140000 mm² 300 N Max. force F2 600 N Max. moment Mx 5.5 Nm Max. moment Mx 5.5 Nm Max. moment My 4.7 Nm Max. moment My 4.7 Nm Max. moment My 4.7 Nm Max. moment Mz 4.7 Nm Max. feed force Fx 75 N Reference value effective load, horizontal 2.5 kg Torsional mass moment of inertial t 8500 mm² Feed constant 60 mm/U Moving mass 169 g Weight of slide 55 g Product weight 2250 g Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 Vertical order of the configurable 20 Number of digital logic input 24 V Features of logic input 20 Configurable Configurable Configurable Ol-Link, Protocol version Device V 1.1 Ol-Link, communication mode COM\$ (230.4 kBaud) Ol-Link, process data content OUT 1-bit (move uit) Libit (stoate in) | Feature | Value |
|--|--|--|
| power supply, connection system Power supply, number of pins/wires Approval RCM trademark CE mark (see declaration of conformity) CE mark (see declaration test with severity level 1 to FN 942017-4 and E1 60068-2-26 CE MINE (so informity) | Permissible voltage fluctuations | +/- 15% |
| Power supply, number of pins/wires Approval RCM trademark CE mark (see declaration of conformity) DE LE MARC Directive In accordance with EU ROHS DIRECTIVE DIRECTIV | Power supply, connection type | Plugs |
| Approval CE mark (see declaration of conformity) To EURA Directive In accordance with EUR ROHS Directive In Cooks 2-2 of Cooks 2 | power supply, connection system | M12x1, T-coded according to EN 61076-2-111 |
| To EU EMC Directive In accordance with EU BOHS Directive In accordance with EU BOHS Directive In accordance with EU BOHS Directive Introduced with EU BOHS DIRECTION And EU BOHS DIR | Power supply, number of pins/wires | 4 |
| EE mark (see declaration of conformity) To EU EMC Directive in accordance with EU RoHS Directive Transport application test with severity level 1 to FN 942017-4 and Ef 60068-2-27 ABS (PWIS) conformity VDMA24364 zone III Storage temperature 20 °C60 °C Relative air hundity 0 - 90%. Degree of protection IP40 Ambient temperature 0 °C50 °C Power must be reduced by 2% per K at ambient temperatures above 30°C. 2nd moment of area ly 140000 mm² Max. force Fy 300 N Max. moment My 4.7 Nm Max. moment of inertia It 8500 mm² Feed constant 600 mm/U Moving mass 169 g Moving mass for 0 mm stroke 169 g North Giglial logic outputs 24 V DC 2 Number of digital logic input Configurable Not galvanically isolated Ol-link, Protocol version Device V 1.1 Ol-link, communication mode COM3 (230.4 kBaud) Ol-link, Protocol version Device V 1.1 Ol-link, Process data content UN - Ibit (move uit) - 1-bit (state move) - 1-bit (state move) - 1-bit (state out) - | Approval | RCM trademark |
| Vibration resistance Shock resistance Sh | | To EU EMC Directive |
| Sooks 2-6 Shock resistance Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 LABS (PWIS) conformity VDMA24364 zone III Storage temperature 20 °C60 °C Relative air humidity 0-90% Degree of protection IPA0 Ambient temperature 0 °C50 °C Note on ambient temperature 0 °C50 °C Note on ambient temperature 140000 mm² 2nd moment of area ly 140000 mm² 2nd moment of area ly 140000 mm² 300 N Max. force F2 600 N Max. moment Mx 5.5 Nm Max. moment Mx 5.5 Nm Max. moment My 4.7 Nm Max. moment My 4.7 Nm Max. moment My 4.7 Nm Max. moment Mz 4.7 Nm Max. feed force Fx 75 N Reference value effective load, horizontal 2.5 kg Torsional mass moment of inertial t 8500 mm² Feed constant 60 mm/U Moving mass 169 g Weight of slide 55 g Product weight 2250 g Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 Vertical order of the configurable 20 Number of digital logic input 24 V Features of logic input 20 Configurable Configurable Configurable Ol-Link, Protocol version Device V 1.1 Ol-Link, communication mode COM\$ (230.4 kBaud) Ol-Link, process data content OUT 1-bit (move uit) Libit (stoate in) | | In accordance with EU RoHS Directive |
| IABS (PWIS) conformity Storage temperature -20 °C60 °C Relative air humidity 0 -90% Degree of protection IPAO Ambient temperature 0 °C50 °C Note on ambient temperature Power must be reduced by 2% per K at ambient temperatures above 30°C. 2nd moment of area ly 140000 mm² 2nd moment of area lz 170000 mm² Max. force Fy 300 N Max. moment MX 5.5 Nm Max. moment MX 4.7 Nm Max. moment My 4.7 Nm Max. feed force Fx 75 N Reference value effective load, horizontal Torsional mass moment of inertia It 8500 mm² Feed constant Moving mass 169 g Moving mass for 0 mm stroke Weight of slide Product weight Number of digital logic outputs 24 V DC Number of digital logic input Peatures of logic input Configurable Not galvanication mode Ol-Link, Protocol version IO-Link, Process data content IN Link (State move) Libit (state in) Libit (state in) Libit (state in) Libit (state move) | Vibration resistance | Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6 |
| Storage temperature 20 °C60 °C Relative air humidity 0.90 % Degree of protection IPA0 Ambient temperature 0°C50 °C Note on ambient temperature Power must be reduced by 2% per K at ambient temperatures above 30°C. 2nd moment of area ly 140000 mm² 2nd moment of area lz 170000 mm² Max. force Fy 300 N Max. force Fy 300 N Max. moment MX 5.5 Nm Max. moment MX 4.7 Nm Max. moment MY 4.7 Nm Max. moment MZ 4.7 Nm Max. moment MZ 5.5 kg Reference value effective load, horizontal 2.5 kg Rosonal mass moment of inertia It 8500 mm² Feed constant 60 mm/U Moving mass 169 g Moving mass for 0 mm stroke 169 g Weight of Side 55 g Product weight Number of digital logic outputs 24 V DC 2 Number of digital logic input 24 V DC 2 Number of digital logic input Configurable Not galvanically isolated (O-Link, Protecss data content IN 1-bit (move out) 1-bit (state move) 1-bit (state for for move) 1-bit (state for for move) 1-bit (state for | Shock resistance | Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 |
| Relative air humidity 0 - 90% Degree of protection IP40 Ambient temperature 0 °C50 °C Note on ambient temperature Power must be reduced by 2% per K at ambient temperatures above 30°C. 2nd moment of area ly 140000 mm² 140000 mm² 170000 mm² Max. force Fy 300 N Max. moment Mx 5,5 Nm Max. moment Mx 5,5 Nm Max. moment My 4,7 Nm Max. moment My 4,7 Nm Max. moment My 4,7 Nm Max. moment My 5,5 Nm Max. moment My 1,5 Nm Ma | LABS (PWIS) conformity | VDMA24364 zone III |
| Degree of protection Ambient temperature O °C50 °C Note on ambient temperature Rote on Rote on ambient temperatures above 30°C. Rote on | Storage temperature | -20 °C60 °C |
| Ambient temperature Note on ambient temperature Power must be reduced by 2% per K at ambient temperatures above 30°C. 2nd moment of area ly 140000 mm ⁴ 140000 mm ⁴ Max. force Fy 300 N Max. force Fz 600 N Max. moment Mx 5.5 Nm Max. moment My 4.7 Nm Max. moment MZ Max. feed force Fx Reference value effective load, horizontal 2.5 kg Torsional mass moment of inertia It 8500 mm ⁴ Feed constant 60 mm/U Moving mass 169 g Weight of slide 55 g Product weight 2250 g Number of digital logic outputs 24 V DC Number of digital logic input Features of logic input Configurable Not galvanically isolated 10-Link, Protocol version 10-Link, Port class A 10-Link, Number of ports 1 l-bit (move out) 1-bit (gate move) 1-bit (state out) | Relative air humidity | 0 - 90% |
| Note on ambient temperature Power must be reduced by 2% per K at ambient temperatures above 30°C. 140000 mm* 140000 mm* 170000 mm* Max. force Fy 300 N Max. force Fz 600 N Max. moment Mx 5.5 Nm Max. moment My 4.7 Nm Max. moment My 4.7 Nm Max. moment Mz 4.7 Nm Max. feed force Fx 75 N Reference value effective load, horizontal 10 Sp g Moving mass moment of inertial t 8500 mm* 169 g Moving mass for 0 mm stroke 169 g Moving mass for 0 mm stroke 169 g Moving mass for 0 fligital logic outputs 24 V DC 2 Number of digital logic input Working range of logic input 10 Link, Protocol version 10-Link, Protocol version 10-Link, Porcess data content OUT 1-bit (move un) 1-bit (move un) 1-bit (state move) 1-bit (state in) 1-bit (state ut) | Degree of protection | IP40 |
| 30°C. 2nd moment of area ly 140000 mm ⁴ 140000 mm ⁴ 170000 mm ⁴ 17 | Ambient temperature | 0 °C50 °C |
| 2nd moment of area Iz 170000 mm ⁴ Max. force Fy 300 N Max. more Fz 600 N Max. moment Mx 5.5 Nm Max. moment My 4.7 Nm Max. moment Mz 4.7 Nm Max. feed force Fx 75 N Reference value effective load, horizontal 2.5 kg Torsional mass moment of inertia It 8500 mm ⁴ Feed constant 60 mm/U Moving mass 169 g Moving mass for 0 mm stroke 169 g Weight of slide 55 g Product weight 2250 g Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 Working range of logic input 24 V Features of logic input Configurable Not galvanically isolated IO-Link, Protcol version Device V 1.1 IO-Link, Port class A IO-Link, Protess data content OUT 1-bit (move out) -bit (state move) 1-bit (state move) -bit (state in) 1-bit (state in) -bit (state out) | Note on ambient temperature | 7 1 |
| Max. force Fy Max. moment Mx Max. moment My Max. moment My Max. moment My Max. moment My Max. moment Mz Max. feed force Fx 75 N Reference value effective load, horizontal 75 so mm/ Moving mass moment of inertia It 8500 mm/ Moving mass for 0 mm stroke Moving mass for 0 mm stroke Moving to fisite 55 g Product weight Moving range of logic input Moving range of logic input Configurable Not galvanically isolated 10-Link, Protocol version Device V 1.1 DO-Link, communication mode COM3 (230.4 kBaud) Do-Link, Process data content OUT Libit (move out) Libit (move out) Libit (state move) Libit (state im) | 2nd moment of area ly | 140000 mm⁴ |
| Max. moment Mx 5.5 Nm Max. moment My 4.7 Nm Max. moment Mz 4.7 Nm Max. moment Mz 4.7 Nm Max. feef force Fx Reference value effective load, horizontal 75 N Reference value effective load, horizontal 8800 mm ⁴ Feed constant 60 mm/U Moving mass 169 g Moving mass for 0 mm stroke 169 g Weight of slide 55 g Product weight Number of digital logic outputs 24 V DC 2 Number of digital logic input 24 V Features of logic input Configurable Not galvanically isolated 10-Link, Protocol version 10-Link, Port class A 10-Link, Porcess data content OUT 1-bit (move out) 1-bit (move out) 1-bit (state move) 1-bit (state in) | 2nd moment of area Iz | 170000 mm⁴ |
| Max. moment Mx 5.5 Nm Max. moment My 4.7 Nm Max. moment Mz 4.7 Nm Max. moment Mz 4.7 Nm Max. feef force Fx Reference value effective load, horizontal 75 N Reference value effective load, horizontal 8800 mm ⁴ Feed constant 60 mm/U Moving mass 169 g Moving mass for 0 mm stroke 169 g Weight of slide 55 g Product weight Number of digital logic outputs 24 V DC 2 Number of digital logic input 24 V Features of logic input Configurable Not galvanically isolated 10-Link, Protocol version 10-Link, Port class A 10-Link, Porcess data content OUT 1-bit (move out) 1-bit (move out) 1-bit (state move) 1-bit (state in) | Max. force Fy | 300 N |
| Max. moment My 4.7 Nm Max. moment Mz 4.7 Nm Max. feed force Fx Reference value effective load, horizontal 2.5 kg Torsional mass moment of inertia It 8500 mm ⁴ Feed constant 60 mm/U Moving mass 169 g Weight of slide 75 8 Product weight 2250 g Number of digital logic outputs 24 V DC Number of digital logic input 24 V Features of logic input Configurable Not galvanically isolated 10-Link, Protocol version 10-Link, Port class A 10-Link, Process data content OUT 1-bit (move in) 1-bit (move out) 1-bit (guit error) 1-bit (state move) 1-bit (state move) 1-bit (state in) 1-bit (state out) | | 600 N |
| Max. moment Mz 4.7 Nm Max. feed force Fx 75 N Reference value effective load, horizontal 2.5 kg Torsional mass moment of inertia It 8500 mm ⁴ Feed constant 60 mm/U Moving mass 169 g Moving mass for 0 mm stroke 169 g Weight of slide 55 g Product weight 2250 g Number of digital logic outputs 24 V DC 2 Number of digital logic input 24 V Features of logic input Configurable Not galvanically isolated IO-Link, Protocol version IO-Link, Port class A IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (move out) 1-bit (state device) 1-bit (state move) 1-bit (state move) 1-bit (state move) 1-bit (state out) | Max. moment Mx | 5.5 Nm |
| Max. feed force Fx Reference value effective load, horizontal 2.5 kg Torsional mass moment of inertia It 8500 mm ⁴ Feed constant 60 mm/U Moving mass 169 g Moving mass for 0 mm stroke 169 g Weight of slide 55 g Product weight Number of digital logic outputs 24 V DC 2 Number of digital logic input 24 V Features of logic input Configurable Not galvanically isolated IO-Link, Protocol version IO-Link, Port class IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (move out) 1-bit (state move) 1-bit (state out) | Max. moment My | 4.7 Nm |
| Reference value effective load, horizontal Torsional mass moment of inertia It Feed constant Moving mass 169 g Moving mass for 0 mm stroke 169 g Weight of slide Froduct weight Number of digital logic outputs 24 V DC Number of digital logic input Verking range of logic input Configurable Not galvanically isolated IO-Link, Protocol version Device V 1.1 O-Link, communication mode COM3 (230.4 kBaud) IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (quit error) Io-Link, Process data content IN 1-bit (state device) 1-bit (state out) 1-bit (state out) | Max. moment Mz | 4.7 Nm |
| Torsional mass moment of inertia It Feed constant 60 mm/U Moving mass 169 g Moving mass for 0 mm stroke 169 g Weight of slide 55 g Product weight 2250 g Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 4 V Features of logic input Configurable Not galvanically isolated IO-Link, Protocol version Device V 1.1 IO-Link, communication mode COM3 (230.4 kBaud) IO-Link, Port class A IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (quit error) IO-Link, Process data content IN 1-bit (state device) 1-bit (state out) | Max. feed force Fx | 75 N |
| Torsional mass moment of inertia It Feed constant 60 mm/U Moving mass 169 g Moving mass for 0 mm stroke 169 g Weight of slide 55 g Product weight 2250 g Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 4 V Features of logic input Configurable Not galvanically isolated IO-Link, Protocol version Device V 1.1 IO-Link, communication mode COM3 (230.4 kBaud) IO-Link, Port class A IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (quit error) IO-Link, Process data content IN 1-bit (state device) 1-bit (state move) 1-bit (state out) | Reference value effective load, horizontal | 2.5 kg |
| Moving mass 169 g Moving mass for 0 mm stroke 169 g Weight of slide 55 g Product weight 2250 g Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 24 V Working range of logic input 24 V Features of logic input Configurable Not galvanically isolated 10-Link, Protocol version Device V 1.1 IO-Link, communication mode COM3 (230.4 kBaud) 10-Link, Port class A IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (move out) 1-bit (quit error) 1-bit (state move) 1-bit (state move) 1-bit (state move) 1-bit (state in) 1-bit (state out) | Torsional mass moment of inertia It | |
| Moving mass for 0 mm stroke Weight of slide Product weight 2250 g Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 Working range of logic input Configurable Not galvanically isolated IO-Link, Protocol version Device V 1.1 IO-Link, communication mode COM3 (230.4 kBaud) IO-Link, Process data content OUT Device V 1.1 Council (move in) 1-bit (move out) 1-bit (quit error) IO-Link, Process data content IN Device V 1.5 Link (state device) 1-bit (state move) 1-bit (state out) | Feed constant | 60 mm/U |
| Moving mass for 0 mm stroke Weight of slide Product weight 2250 g Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 Working range of logic input Configurable Not galvanically isolated IO-Link, Protocol version Device V 1.1 IO-Link, communication mode COM3 (230.4 kBaud) IO-Link, Process data content OUT Device V 1.1 Council (move in) 1-bit (move out) 1-bit (quit error) IO-Link, Process data content IN Device V 1.5 Link (state device) 1-bit (state move) 1-bit (state out) | Moving mass | 169 g |
| Weight of slide 55 g Product weight 2250 g Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 Working range of logic input 24 V Features of logic input Configurable Not galvanically isolated Not galvanically isolated IO-Link, Protocol version Device V 1.1 IO-Link, communication mode COM3 (230.4 kBaud) IO-Link, Port class A IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (move out) 1-bit (quit error) IO-Link, Process data content IN 1-bit (state device) 1-bit (state move) 1-bit (state move) 1-bit (state in) 1-bit (state out) | | |
| Product weight 2250 g Number of digital logic outputs 24 V DC 2 Number of digital logic input 24 V Features of logic input Configurable Not galvanically isolated IO-Link, Protocol version Device V 1.1 IO-Link, communication mode COM3 (230.4 kBaud) IO-Link, Port class A IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (move out) 1-bit (quit error) IO-Link, Process data content IN 1-bit (state device) 1-bit (state move) 1-bit (state move) 1-bit (state out) | | ~ |
| Number of digital logic outputs 24 V DC Number of digital logic inputs 2 Working range of logic input 24 V Features of logic input Configurable Not galvanically isolated IO-Link, Protocol version Device V 1.1 IO-Link, communication mode COM3 (230.4 kBaud) IO-Link, Port class A IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (move out) 1-bit (quit error) IO-Link, Process data content IN 1-bit (state device) 1-bit (state move) 1-bit (state in) 1-bit (state out) | - | |
| Number of digital logic input 24 V Features of logic input Configurable Not galvanically isolated IO-Link, Protocol version Device V 1.1 IO-Link, communication mode COM3 (230.4 kBaud) IO-Link, Port class A IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (move out) 1-bit (quit error) IO-Link, Process data content IN 1-bit (state device) 1-bit (state move) 1-bit (state in) 1-bit (state out) | - | |
| Features of logic input Configurable Not galvanically isolated IO-Link, Protocol version Device V 1.1 IO-Link, communication mode COM3 (230.4 kBaud) IO-Link, Port class A IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (quit error) IO-Link, Process data content IN 1-bit (state device) 1-bit (state move) 1-bit (state in) 1-bit (state out) | · | |
| Features of logic input Configurable Not galvanically isolated IO-Link, Protocol version Device V 1.1 IO-Link, communication mode COM3 (230.4 kBaud) IO-Link, Port class A IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (quit error) IO-Link, Process data content IN 1-bit (state device) 1-bit (state move) 1-bit (state in) 1-bit (state out) | Working range of logic input | 24 V |
| Not galvanically isolated IO-Link, Protocol version Device V 1.1 IO-Link, communication mode COM3 (230.4 kBaud) IO-Link, Port class A IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (move out) 1-bit (quit error) IO-Link, Process data content IN 1-bit (state device) 1-bit (state in) 1-bit (state out) | <u> </u> | |
| IO-Link, communication mode IO-Link, Port class IO-Link, Number of ports IO-Link, Process data content OUT IO-Link, Process data content OUT IO-Link, Process data content IN Io-Link, Process data content | | |
| IO-Link, Port class IO-Link, Number of ports IO-Link, Process data content OUT Io-Link, Process data content IN Io-Link, Process data cont | IO-Link, Protocol version | Device V 1.1 |
| IO-Link, Number of ports 1 IO-Link, Process data content OUT 1-bit (move in) 1-bit (move out) 1-bit (quit error) IO-Link, Process data content IN 1-bit (state device) 1-bit (state move) 1-bit (state in) 1-bit (state out) | IO-Link, communication mode | COM3 (230.4 kBaud) |
| IO-Link, Process data content OUT 1-bit (move in) 1-bit (quit error) IO-Link, Process data content IN 1-bit (state device) 1-bit (state move) 1-bit (state in) 1-bit (state out) | IO-Link, Port class | A |
| 1-bit (move out) 1-bit (quit error) IO-Link, Process data content IN 1-bit (state device) 1-bit (state move) 1-bit (state in) 1-bit (state out) | IO-Link, Number of ports | 1 |
| 1-bit (state move) 1-bit (state in) 1-bit (state out) | IO-Link, Process data content OUT | 1-bit (move out) |
| | IO-Link, Process data content IN | 1-bit (state move) 1-bit (state in) |
| IO-Link, Service data IN 32-bit force 32-bit position 32-bit speed | IO-Link, Service data IN | 32-bit position |
| IO-Link, Data storage required 0,5 kB | IO-Link, Data storage required | 0,5 kB |
| Switching logic for inputs PNP (positive switching) | Switching logic for inputs | PNP (positive switching) |
| IO-Link, connection technology Plugs | IO-Link, connection technology | Plugs |
| Logic interface, connection type Plug | Logic interface, connection type | Plug |
| Logic interface, connection technology M12x1, A-coded according to EN 61076-2-101 | Logic interface, connection technology | M12x1, A-coded according to EN 61076-2-101 |

| Feature | Value |
|---------------------------------------|----------------------------------|
| Logic interface, number of pins/wires | 8 |
| Material end cap | Painted die cast aluminium |
| Material profile | Anodised wrought aluminium alloy |
| Note on materials | RoHS-compliant |
| Material cover tape | Stainless steel strip |
| Material drive cover | Painted die cast aluminium |
| Material guide slide | Tempered steel |
| Material guide rail | Tempered steel |
| Material pulleys | High-alloy stainless steel |
| Material toothed belt | Polychloroprene with glass fibre |