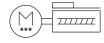
Ball screw axis unit ELGS-BS-KF-45-400-10P-ST-M-H1-PLK-AA

FESTO

Part number: 8083473





Data sheet

Feature	Value
Working stroke	400 mm
Size	45
Stroke reserve	0 mm
Spindle diameter	10 mm
Spindle pitch	10 mm/U
Mounting position	optional
Guide	Recirculating ball bearing guide
Design	Electromechanical linear axis With ball screw 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	5 m/s ²
Max. speed	0.25 m/s
Repetition accuracy	±0.015 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	3 A
Max. current consumption, logic	0.3 A
Nominal voltage DC	24 V
Nominal current	3 A
Parameterisation interface	IO-Link User interface

Power supply, connection type power supply, connection type power supply, connection type M12x1, 1-coded according to EN 61076-2-111 Approval Approval RCM trademark CE mark (See declaration of conformity) TELE EMC Directive in accordance with EU Rort's Directive in accordance with EU Rort's Directive Power supply, manuer of prins / Windows Relative air humidity Degree of protection PAD Ambient temperature O "C50 "C Relative air humidity PAD Ambient temperature O "C50 "C Rove on ambient temperature Power must be reduced by 2% per K at ambient temperature's above and moment of area by And moment area by And moment area by And moment area by And moment area by And and moment area by And mom	Feature	Value
Power supply, connection system All 2x1, 1-coded according to EN 61076-2-111 Power supply, number of pins/wires A CM trademark CE mark (see declaration of conformity) RCM trademark CE mark (see declaration of conformity) PWMA24364 zone III Storage temperature - 20°C.60°C Relative air hundrity - 0-90% Degree of protection IPA0 Annibint temperature - 0-0.50°C Relative air hundrity - 0-90% Degree of protection IPA0 Annibint temperature - 0-0.50°C Note on ambient temperature - 0-0.50°C Annibint temperature - 0-0.50°C Power must be reduced by 2% per K at ambient temperatures above 30°C. 2nd moment of area by 140000 mm² 140	Permissible voltage fluctuations	+/- 15%
Power supply, number of pins/wires 4 RCM trademark RCM tra	Power supply, connection type	Plugs
Approval CE mark (see declaration of conformity) In ELEMC Directive In accordance with EL ROHS Directive In accordance with EL ROHS Directive In accordance with EL ROHS Directive In ACAS (PWIS) conformity VDMA24 56.6 aone III Storage temperature 2-0°C60 °C Relative air humidity 0 - 90% Degree of protection Ambient temperature 0 °C50 °C Power must be reduced by 2% per K at ambient temperatures above 30°C. 2nd moment of area by 1400000 mm² 1500000 mm² 1600000 mm² 1700000 mm² 180000 mm² 1800000 mm² 180000 mm² 1800	power supply, connection system	M12x1, T-coded according to EN 61076-2-111
CE mark (see declaration of conformity) To EU EMC Directive In accordance with EU ROHS Directive LABS (PWIS) conformity VDMA24364 zone III 20 °C60 °C Reather air humidity 0 - 99% Degree of protection IP40 Ambient temperature 0 °C50 °C Roke on ambient temperature Power must be reduced by 2% per K at ambient temperatures above 30°C. 2nd moment of area by 140000 mm² 2nd moment of area by 1700000 mm² 380 N Max. Force Fy 880 N Max. Force Fy 880 N See To the extraction of the see To the s	Power supply, number of pins/wires	4
In accordance with EU RONS Directive VDMA24 364 2 no. III	Approval	RCM trademark
Storage temperature 20 °C60 °C Relative air humidity 0.90%. Degree of protection Ambient temperature 0°C50 °C Note on ambient temperature Note on ambient temperature 0°C50 °C Power must be reduced by 2% per K at ambient temperatures above 30°C. 2nd moment of area by 140000 mm² 14000 m	CE mark (see declaration of conformity)	
Relative air humidity Degree of protection IPA0 Ambient temperature O - 50%	LABS (PWIS) conformity	VDMA24364 zone III
Degree of protection Ambient temperature O °C50°C Ambient temperature Power must be reduced by 2% per K at ambient temperatures above 30°C. 2nd moment of area ly 140000 mm² And moment of area ly 170000 mm² Max. force Fy 880 N Max. force Fy 880 N Fy at theoretical life value of 100 km (only guide consideration) 3240 N Fy at theoretical life value of 100 km (only guide consideration) 340 N Max. moment Mx 4.7 Nm Max. moment Mx 4.7 Nm Max. moment My 4.7 Nm Max. moment My 4.7 Nm Max. theoretical life value of 100 km (only guide consideration) 17 Nm Max. theoretical life value of 100 km (only guide consideration) 17 Nm Max. at theoretical life value of 100 km (only guide consideration) 18 Ag theoretical life value of 100 km (only guide consideration) 19 Nm Max. theoretical life value of 100 km (only guide consideration) 10 N Max. theoretical life value of 100 km (only guide consideration) 11 Nm Max. at theoretical life value of 100 km (only guide consideration) 12 Nm Max. theoretical life value of 100 km (only guide consideration) 13 Nm Max. at theoretical life value of 100 km (only guide consideration) 14 Nm Max. theoretical life value of 100 km (only guide consideration) 15 Nm Max. at theoretical life value of 100 km (only guide consideration) 16 Nm Max. theoretical life value of 100 km (only guide consideration) 17 Nm Max. theoretical life value of 100 km (only guide consideration) 18 Ag theoretical life value of 100 km (only guide consideration) 19 Nm Max. at theoretical life value of 100 km (only guide consideration) 19 Nm Max. at theoretical life value of 100 km (only guide consideration) 19 Nm Max. at theoretical life value of 100 km (only guide consideration) 19 Nm Max. at theoretical life value of 100 km (only guide consideration) 19 Nm Max. at theoretical life value of 100 km (only guide consideration) 19 Nm Max. at theoretical life value of 100 km (only guide consideration) 19 Nm Max. at theoretical life value of 100 km (only guide consideration) 19 Nm Max. at theoretical life value of 100 km (only guid	Storage temperature	-20 °C60 °C
Ambient temperature Note on 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 1400000 mm² 1400000 mm² Max. force Fy 880 N Max. force Fy 880 N Py at theoretical life value of 100 km (only guide consideration) Py at theoretical life value of 100 km (only guide consideration) Adv. moment My Max. moment My Max. moment My Max. moment My Max. at theoretical life value of 100 km (only guide consideration) And theoretical	Relative air humidity	0 - 90%
Note on ambient temperature 2nd moment of area ly 2nd moment of area ly 2nd moment of area ly 2nd moment of area lz 3nd x. force Fy 380 N 380 N 59 at theoretical life value of 100 km (only guide consideration) 3240 N 52 at theoretical life value of 100 km (only guide consideration) 3240 N 52 at theoretical life value of 100 km (only guide consideration) 3240 N	Degree of protection	IP40
James and James	Ambient temperature	0 °C50 °C
2nd moment of area 12 Max. Force Fy Max. Force Fy 880 N 880 N Fy at theoretical life value of 100 km (only guide consideration) 7 at theoretical life value of 100 km (only guide consideration) 8240 N 83240 N 83	Note on ambient temperature	
Max. Force Fy Max. Force F7 Max. Force F7 Max. Force F8 Max. Force F8 Max. Fy at theoretical life value of 100 km (only guide consideration) F2 at theoretical life value of 100 km (only guide consideration) Max. moment Mx Max. moment Mx Max. moment My Max. theoretical life value of 100 km (only guide consideration) Max. moment My Max. theoretical life value of 100 km (only guide consideration) Max. at theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of 100 km (only guide consideration) Max. theoretical life value of	2nd moment of area ly	140000 mm ⁴
Max. force F2 F2 at theoretical life value of 100 km (only guide consideration) F2 at theoretical life value of 100 km (only guide consideration) Max. moment Mx Max. moment My Max. theoretical life value of 100 km (only guide consideration) My at theoretical life value of 100 km (only guide consideration) My at theoretical life value of 100 km (only guide consideration) Max. feed force Fx 100 N Max. feed force Fx 100 N Reference value effective load, horizontal Reference value effective load, vertical S kg Feed constant 10 mm/U Moving mass 220 g Product weight 2794 g Dynamic deflection (moving load) 0.05% of the axis length, max. 0.5 mm Static deflection (load in standstill) 0.1% of the axis length, max. 0.5 mm Static deflection (load in standstill) 0.1% of the axis length Number of digital logic inputs 2 Working range of logic input Configurable Not galvanically isolated Nove in 1 bit Move in 1 bit Move out 1 bit Quit Error 1 bit State In 1	2nd moment of area Iz	170000 mm ⁴
Fy at theoretical life value of 100 km (only guide consideration) F2 at theoretical life value of 100 km (only guide consideration) Max. moment Mx Max. moment My Max. moment My Max. moment MZ A; 7 km Max. moment MZ A; 7 km Mx at theoretical life value of 100 km (only guide consideration) My at theoretical life value of 100 km (only guide consideration) My at theoretical life value of 100 km (only guide consideration) My at theoretical life value of 100 km (only guide consideration) My at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Max. feed force Fx 100 N Reference value effective load, horizontal 10 kg Reference value effective load, vertical 5 kg Peduct weight 10 mm/U Moving mass 220 g Product weight 2794 g Dynamic deflection (moving load) 5 kstaic deflection (indi in standstill) 0 .1% of the axis length, max. 0.5 mm Working range of logic inputs 2 l Working range of logic inputs 2 l Working range of logic input 4 V Features of logic input Configurable Not galvanically isolated Not galvanically isolated Not galvanically isolated Not lift in bit Quit Error 1 bit Move in 1 bit Move in 1 bit Move in 1 bit Move in 1 bit State Intermediate 1 bit State Out 1 bit State Intermediate 1 bit State Intermediate 1 bit State Out	Max. force Fy	880 N
Fz at theoretical life value of 100 km (only guide consideration) Max. moment Mx 4.7 km Max. moment My 4.7 km Max. moment My 4.7 km Mx. at theoretical life value of 100 km (only guide consideration) My at theoretical life value of 100 km (only guide consideration) My at theoretical life value of 100 km (only guide consideration) Fy max. at theoretical life value of 100 km (only guide consideration) My at theoretical life value of 100 km (only guide consideration) Max. reed force Fx 100 N Reference value effective load, horizontal 10 kg Reference value effective load, vertical 5 kg Feed constant 10 mm/U Moving mass 220 g Product weight 2794 g Dynamic deflection (moving load) 0.05% of the axis length, max. 0.5 mm Static deflection (moving load) 0.05% of the axis length Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 Working range of logic input Configurable Not galvanically isolated Nove in 1 bit Move in 1 bit State Intermediate 1 bit State Intermediat	Max. force Fz	880 N
Max. moment Mx Max. moment My A. 7 Mm Max. moment My A. 7 Mm A. 7 Mm A. 7 Mm A. 7 Mm Max. moment Mz A. 7 Mm Max. moment Mz A. 7 Mm Max. moment Mz A. 7 Mm Max. at theoretical life value of 100 km (only guide consideration) My at theoretical life value of 100 km (only guide consideration) Max. feed force FX 100 N Max. feed force FX 100 N Reference value effective load, horizontal 10 kg Reference value effective load, vertical 5 kg Feed constant 10 mm/U Moving mass 220 g Product weight Dynamic deflection (moving load) Static deflection (moving load) O.05% of the axis length, max. 0.5 mm Static deflection (load in standstill) Number of digital logic outputs 24 V DC 2 Number of digital logic input Configurable Not galvanically isolated Not galvanically isolated IO-Link, Process data content OUT Move out 1 bit Move out 1 bit Move out 1 bit State In 1 bit State I	Fy at theoretical life value of 100 km (only guide consideration)	3240 N
Max. moment My Max. moment Mz Max. fedeforcial life value of 100 km (only guide consideration) 10 mm/U Mowing mass. mom/U Mowel of the axis length, max. 0.5 mm Max. 0.5 mm Max. 10 mm/U Mowing max. 0.5 mm Max. 10 mm/U Mowel of the axis length, max. 0.5 mm Max. 10 mm/U Mowel of the axis length, max. 0.5 mm Max. 10 mm/U Mowel of the axis length, max. 0.5 mm Max. 10 mm/U Mowel of the axis length, max. 0.5 mm Max. 10 mm/U Mowel of the axis length, max. 0.5 mm Max. 10 mm/U Mowel of the axis length, max. 0.5 mm Max. 10 mm/U Mowel of the axis length, max. 0.5 mm Max. 10 mm/U Mowel of the axis length, max. 0.5 mm Max. 10 mm/U Movel of the axis length, max. 0.5 mm Max. 10 mm/U Movel of the axis length, max. 0.5 mm Max. 10 mm/U Movel of the axis length, max. 0.5 mm Max. 10 mm/U Movel of the axis length, max. 0.5 mm Max. 10 mm/U Movel of the axis length, max. 0.5 mm Max. 10 mm/U Movel of the axis length, max. 0.5 mm Max. 10 mm/U Movel of the axis len	Fz at theoretical life value of 100 km (only guide consideration)	3240 N
Max. moment Nz 4.7 Nm Mx at theoretical life value of 100 km (only guide consideration) My at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx at theoretical life value of 100 km (only guide consideration) Mx by a sequence of 100 km (only guide consideration) Mx by a sequence value of 100 km (only guide consideration) Mx by a sequence value of 100 km (only guide consideration) Mx by a sequence value of 100 km (only guide consideration) Mx by a sequence value of 100 km (only guide consideration) Mx by a sequence value of 100 km (only guide consideration) Mx by a sequence value of 100 km (only guide consideration) Mx by a sequence value of 100 km (only guide consideration) Mx by a sequence value of 100 km (only guide consideration) Mx by a sequence value of 100 km (only guide consideration) Mx by a sequence value of 100 km (only guide consideration) Mx by a sequence	Max. moment Mx	5.5 Nm
Mx at theoretical life value of 100 km (only guide consideration) My at theoretical life value of 100 km (only guide consideration) Mz at theoretical life value of 100 km (only guide consideration) Mx. feed force Fx 100 N Reference value effective load, horizontal Reference value effective load, vertical Feed constant 10 mm/U Moving mass 220 g Product weight 2794 g Dynamic deflection (moving load) Static deflection (moving load) Static deflection (load in standstill) Number of digital logic outputs 24 V DC Number of digital logic input Working range of logic input Configurable Not galvanically isolated Not galvanically isolated NO-Link, Process data content OUT Move in 1 bit Move out 1 bit Quit Error 1 bit Quit Error 1 bit State Intermediate 1 bit State Move	Max. moment My	4.7 Nm
My at theoretical life value of 100 km (only guide consideration) Mz at theoretical life value of 100 km (only guide consideration) Max. feed force FX 100 N Reference value effective load, horizontal Reference value effective load, vertical Feed constant 10 mm/U Moving mass 220 g Product weight 2794 g Dynamic deflection (moving load) Static deflection (load in standstill) Number of digital logic outputs 24 V DC Number of digital logic inputs 24 V Working range of logic input Configurable Not galvanically isolated IO-Link, Process data content OUT Move in 1 bit Move in 1 bit Move in 1 bit Move intermediate 1 bit State In 1 b	Max. moment Mz	4.7 Nm
Mz at theoretical life value of 100 km (only guide consideration) Max. feed force Fx 100 N Reference value effective load, horizontal 10 kg Reference value effective load, vertical 5 kg Feed constant 10 mm/U Moving mass 220 g Product weight 2794 g Dynamic deflection (moving load) O.05% of the axis length, max. 0.5 mm Static deflection (load in standstill) 0.1% of the axis length Number of digital logic outputs 24 V DC 2 Working range of logic input Features of logic input Configurable Not galvanically isolated Not galvanically isolated Not yalvanically isolated Not ve in 1 bit Move in 1 bit Move in 1 bit Quit Error 1 bit Quit Error 1 bit State Intermediate 1 bit State Intermediate 1 bit State In bit State In bit State Nove 1 bit State Move 1 bit State Mo	Mx at theoretical life value of 100 km (only guide consideration)	20 Nm
Max. feed force Fx Reference value effective load, horizontal 10 kg Reference value effective load, vertical 5 kg Feed constant 10 mm/U Moving mass 220 g Product weight 2794 g Dynamic deflection (moving load) 0.05% of the axis length, max. 0.5 mm Static deflection (load in standstill) 0.1% of the axis length Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 Vorking range of logic input Configurable Not galvanically isolated NO-Link, Process data content OUT Move in 1 bit Move unt 1 bit Quit Error 1 bit Move intermediate 1 bit State In 1 bit State In 1 bit State Intermediate 1 bit State Intermediate 1 bit State Intermediate 1 bit State Out 1 bit State Dowler Josephilon 32-bit position 32-bit speed IO-Link, Data storage required O.5 KB Switching logic for inputs Opic interface, connection type Plug Logic interface, connection technology M12x1, A-coded according to EN 61076-2-101	My at theoretical life value of 100 km (only guide consideration)	17 Nm
Reference value effective load, horizontal Reference value effective load, vertical Feed constant 10 mm/U Moving mass 220 g Product weight 2794 g Dynamic deflection (moving load) Static deflection (load in standstill) Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 24 V Refeatures of logic input Configurable Not galvanically isolated IO-Link, Process data content OUT Move in 1 bit Move out 1 bit Quit Error 1 bit Move out 1 bit State In 1 bit State Device 1 bit State In 1 bit State Device 1	Mz at theoretical life value of 100 km (only guide consideration)	17 Nm
Reference value effective load, vertical Feed constant 10 mm/U Moving mass 220 g Product weight 2794 g Dynamic deflection (moving load) 0.05% of the axis length, max. 0.5 mm Static deflection (load in standstill) 0.1% of the axis length Number of digital logic outputs 24 V DC 2 Working range of logic input Configurable Not galvanically isolated IO-Link, Process data content OUT Move in 1 bit Move in 1 bit Move intermediate 1 bit State Device 1 bit State Intermediate 1 bit State Intermediate 1 bit State Move 1 bi	Max. feed force Fx	100 N
Feed constant 10 mm/U Moving mass 220 g Product weight 2794 g Dynamic deflection (moving load) 0.05% of the axis length, max. 0.5 mm Static deflection (dad in standstill) 0.1% of the axis length Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 Vorking range of logic input Configurable Not galvanically isolated Not galvanically isolated IO-Link, Process data content OUT Move in 1 bit Move out 1 bit Quit Error 1 bit Move intermediate 1 bit State In 1 bit State In 1 bit State In 1 bit State Intermediate 1 bit State Intermediate 1 bit State Out	Reference value effective load, horizontal	10 kg
Moving mass 220 g Product weight 2794 g Dynamic deflection (moving load) 0.05% of the axis length, max. 0.5 mm Static deflection (load in standstill) 0.1% of the axis length 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, Process data content OUT Move in 1 bit Move out 1 bit Quit Error 1 bit Move intermediate 1 bit State Device 1 bit State In 1 bit State In 1 bit State In 1 bit State Move 1 bit State Move 1 bit State Out 1 bit State O	Reference value effective load, vertical	5 kg
Product weight Dynamic deflection (moving load) O.05% of the axis length, max. 0.5 mm Static deflection (load in standstill) O.1% of the axis length Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 Working range of logic input Features of logic input Configurable Not galvanically isolated IO-Link, Process data content OUT Move in 1 bit Move out 1 bit Quit Error 1 bit Move intermediate 1 bit State Device 1 bit State In 1 bit State In 1 bit State In 1 bit State Move 1 bit State Move 1 bit State Move 1 bit State Move 1 bit State Out 1 bit State Ou	Feed constant	10 mm/U
Dynamic deflection (moving load) O.05% of the axis length, max. 0.5 mm Static deflection (load in standstill) O.1% of the axis length Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 2 Working range of logic input Configurable Not galvanically isolated O-Link, Process data content OUT Move in 1 bit Move out 1 bit Quit Error 1 bit Move intermediate 1 bit State Device 1 bit State In 1 bit State In 1 bit State In 1 bit State In 1 bit State Out 1 bit State O	Moving mass	220 g
Static deflection (load in standstill) Number of digital logic outputs 24 V DC 2 Number of digital logic inputs 24 V Features of logic input Configurable Not galvanically isolated IO-Link, Process data content OUT Move in 1 bit Move out 1 bit Quit Error 1 bit Move intermediate 1 bit State In termediate 1 bit State In 1 bit State Nove 1 bit State Out 1 bit State Device 1 bit State Out 1 bit State Device 1 bit State Device 1 bit State State Out 1 bit State Out 1 bit State Out 1 bit State State State State Out 1 bit State Sta	Product weight	2794 g
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 Nove in 1 bit Move out 1 bit Quit Error 1 bit Move intermediate 1 bit State In 1 bit State In 1 bit State In 1 bit State Move 1 bit State Move 1 bit State Out	Dynamic deflection (moving load)	0.05% of the axis length, max. 0.5 mm
Number of digital logic inputs 2 Working range of logic input Eatures of logic input Configurable Not galvanically isolated Nove in 1 bit Move out 1 bit Quit Error 1 bit Move intermediate 1 bit IO-Link, Process data content IN State Device 1 bit State In 1 bit State Intermediate 1 bit State Move 1 bit State Move 1 bit State Out 1 bit State Intermediate 1 bi	Static deflection (load in standstill)	0.1% of the axis length
Working range of logic input Features of logic input Configurable Not galvanically isolated IO-Link, Process data content OUT Move in 1 bit Move out 1 bit Quit Error 1 bit Move intermediate 1 bit State Device 1 bit State In 1 bit State Intermediate 1 bit State Intermediate 1 bit State Move 1 bit State Out 1 bit State Intermediate 1 bi	Number of digital logic outputs 24 V DC	2
Features of logic input Configurable Not galvanically isolated Move in 1 bit Move out 1 bit Quit Error 1 bit Move intermediate 1 bit IO-Link, Process data content IN State Device 1 bit State In 1 bit State In 1 bit State In 1 bit State Intermediate 1 bit State Out 1 bit State Out	Number of digital logic inputs	2
Not galvanically isolated Not galvanically isolated	Working range of logic input	24 V
IO-Link, Process data content OUT Move in 1 bit Move out 1 bit Quit Error 1 bit Move intermediate 1 bit State Device 1 bit State In 1 bit State In 1 bit State In 1 bit State Move 1 bit State Out 1 bit Sta	Features of logic input	
Move out 1 bit Quit Error 1 bit Move intermediate 1 bit 10-Link, Process data content IN State Device 1 bit State In 1 bit State Intermediate 1 bit State Intermediate 1 bit State Out 1 bit State Out 1 bit State Out 1 bit State Out 1 bit O'-Link, Service data IN 32-bit force 32-bit position 32-bit speed 10-Link, Data storage required 0.5 KB Switching logic for inputs PNP (positive switching) Logic interface, connection type Plug Logic interface, connection technology M12x1, A-coded according to EN 61076-2-101	IO-Link Process data content OUT	<u> </u>
IO-Link, Process data content IN State Device 1 bit State In 1 bit State Intermediate 1 bit State Move 1 bit State Out 1 bit	10-Link, Frocess data content our	Move out 1 bit Quit Error 1 bit
32-bit position 32-bit speed IO-Link, Data storage required O.5 KB Switching logic for inputs PNP (positive switching) Logic interface, connection type Plug Logic interface, connection technology M12x1, A-coded according to EN 61076-2-101	IO-Link, Process data content IN	State Device 1 bit State In 1 bit State Intermediate 1 bit State Move 1 bit
Switching logic for inputs PNP (positive switching) Logic interface, connection type Plug Logic interface, connection technology M12x1, A-coded according to EN 61076-2-101	IO-Link, Service data IN	32-bit position
Logic interface, connection type Plug Logic interface, connection technology M12x1, A-coded according to EN 61076-2-101	IO-Link, Data storage required	0.5 KB
Logic interface, connection technology M12x1, A-coded according to EN 61076-2-101	Switching logic for inputs	PNP (positive switching)
-	Logic interface, connection type	Plug
Logic interface, number of pins/wires 8	Logic interface, connection technology	M12x1, A-coded according to EN 61076-2-101
	Logic interface, number of pins/wires	8

Feature	Value
7,1	Via female thread Via centring sleeve and pin With accessories
Material end cap	Painted die cast aluminium
Material profile	Anodised wrought aluminium alloy
Note on materials	RoHS-compliant
Material cover tape	High-alloy stainless steel
Material guide slide	Steel
Material guide rail	Steel