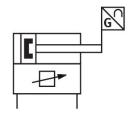
Linear actuator DFPI-160- -ND2P-C1V-NB3P-A Part number: 2201101

FESTO





Data sheet

Feature	Value
Size of valve actuator	160
Stroke	40 mm990 mm
Piston diameter	160 mm
Based on norm	ISO 15552
Cushioning	No cushioning
Mounting position	Any
Mode of operation	Double-acting
Structural design	Piston Piston rod Tie rod Cylinder barrel
Position sensing	With integrated linear potentiometer
Measuring principle of linear potentiometer	Potentiometer
Reverse polarity protection	Initialization connection for operating voltage for setpoint value
Operating pressure	0.3 MPa0.8 MPa 3 bar8 bar 43.5 psi116 psi
Nominal operating pressure	0.6 MPa 6 bar 87 psi
Analog output	4 - 20 mA
DC operating voltage range	21.6 V26.4 V
Max. current consumption	220 mA
Nominal operating voltage DC	24 V
Setpoint input	4 mA20 mA
Certification	RCM compliance mark
KC characters	KC EMC
CE marking (see declaration of conformity)	As per EU EMC directive as per EU explosion protection directive (ATEX) As per EU RoHS directive

Section Sect	Feature	Value
Explosion protection certification outside the EU Explosion protection certification outside the EU Explosion protection certification outside the EU Explosion protection Zone 2 (UKEO) Zone 2 (UKEO) Zone 22 (UKEO) Zone 22 (UKEO) Zone 22 (UKEO) ATEX category gas ATEX category for dust II 30 ATEX category for dust II 30 ATEX category for dust II 30 Exe et IC T4 X.6c Explosive ambient temperature Departing medium Compressed air as per 150 B573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubarization possible (required for further use) Continuous shock resistance to INI/EC 68 Part 2-82 Tested as per severity level 2 ALSS (PWIS) Conformity Storage temperature 5 **C60 **C** Temperature of medium 5 **C60 **C** Temperature of medium 5 **C60 **C** Relative air humidity 5 **100 **S Condensing Degree of protection IP65 IP67 IP69K ALSA 4 Wibration resistance to DNI/EC 68 Part 2-6 Tested as per severity level 2 Arbibent temperature 5 **C60 **C** Tested as per severity level 2 Arbibent temperature 5 **C60 **C** Relative air humidity 5 **100 **S Condensing Degree of protection IP65 IP67 IP69K ALSA 4 Wibration resistance to DNI/EC 68 Part 2-6 Tested as per severity level 2 Arbibent temperature 5 **C50 **C* Tested as per severity level 2 Arbibent temperature 5 **C50 **C* Tested as per severity level 2 Arbibent temperature 5 **C50 **C* Tested as per severity level 2 Arbibent temperature 5 **C50 **C* Tested as per severity level 2 Arbibent temperature 5 **C50 **C* Tested as per severity level 2 Arbibent temperature 5 **C50 **C* Tested as per severity level 2 Arbibent temperature 5 **C50 **C* Tested as per severity level 2 Arbibent temperature 5 **C50 **C* Tested as per severity level 2 Arbibent temperature 5 **C50 **C* Tested as per severity level 2 Arbibent temperature 5 **C60 **C* Tested as per severity level 2 Arbibent temperature 5 **C60 **C* Tested as per severity level 2 Arbiben	UKCA marking (see declaration of conformity)	
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Tie rod material High-alloy stainless steel	Static seal material	
5 ,	Tie rod material	
,	Material of cylinder barrel	Wrought aluminum alloy, smooth-anodized