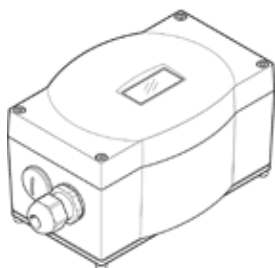


positioner CMSX-P-S-C-U-F1-D-50-C-G1

Part number: 2110841

FESTO

electropneumatic, for double-acting pneumatic quarter turn actuators, standard nominal flow rate 50 l/min, holding regulating action safety function, 4-wire, power supply 24 VDC, setpoint input 0/4-20 mA, 0-10 V, position feedback signal 4...20 mA.



Data sheet

Feature	Value
Sensing range in degrees	0 ... 100 deg
Conforms to standard	VDI/VDE 3845 (NAMUR)
Short circuit strength	Yes
Polarity protected	for setpoint value For operating voltage connections
Type of display	Backlit LCD
Setting options	Via display and buttons
Type of process valve characteristic curves	Freely adjustable over 21 support points Linear, equal-percentage (1:25, 1:33, 1:50)
Leakproof characteristics	Adjustable Automatic
Control range adaptation	Adjustable
Effective direction	Adjustable Rising / falling
Operating pressure	3 ... 8 bar
Setpoint value	0 - 20 mA 4 - 20 mA 0 - 10 V
Safety instructions	Safety position: in the case of a broken cable or operating voltage failure, the regulating action is to hold.
Operating voltage range DC	21.6 ... 26.4 V
Max. load resistance, current output	500 Ohm
Idle current	100 ... 300 mA
Max. current consumption	1 A
Max. output current	500 mA
Switching level	Signal 0: ≤ 5 V Signal 1: ≥ 10 V
Size of the dead zone	0.1 ... 10 %
Authorisation	RCM Mark
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible
CE mark (see declaration of conformity)	to EU directive for EMC
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Protection class	IP65
Medium temperature	-5 ... 60 °C
Ambient temperature	-5 ... 60 °C
Cable gland connection	M20x1,5
UV resistance	Yes
Mounting type	On flange to ISO 5211 with accessories
Product weight	970 g
Pneumatic connection	G1/8

Feature	Value
Standard nominal flow rate	50 l/min
Materials note	Conforms to RoHS
Material housing	PC
Material thread piece	High alloy steel, non-corrosive
Material seals	NBR
Material adapter plate	Aluminium
Material plate	Aluminium
Material cable connection	PA
Storage temperature	-20 ... 60 °C