Product datasheet

Specifications



SpaceLogic MP500C-SR Actuator for PIBCV Valves, Multi-Signal Control, Spring Return UP (Open Valve), 24Vac/dc, Terminal Block Connection, 500N, IP54

MP500C-SRU

Main

Actuator product range	SmartX Actuator
Product or component type	Actuator
Actuator type	Electric
Actuator product series	MP500C-SR
Product destination	pressure independent control valves
Motor type	Brushless DC motor
Transformer rated power in VA	50 VA
Power consumption in VA	30 VA AC
Power loss return	Spring return
Control signal	Floating Proportional/modulating
Conduit connection	Conduit connector holes
Targeted region	Europe Asia Pacific. North America. Australia.

Complementary

Actuator	Linear
Control type	Automatic reset
Switch function	2 SPDT (optional)
rated supply voltage	24 V AC/DC
Analogue input range	0...10 V DC
Feedback signal	2...10 V DC 0...5 V DC
Stroke auto calibration	True
Electrical insulation class	Class III
Force N	500 N
Force lbf	113 lbf
Additional features	Field selectable floating input signal travel time
Leads and connections	Terminal block
Stroke running time	30 s

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

IP degree of protection	IP54
Ambient air temperature for operation	-10…50 °C
Relative humidity	0…90 % RH, non-condensing
Ambient air temperature for storage	-25…65 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	22.8 cm
Package 1 Width	23 cm
Package 1 Length	31.6 cm
Package 1 Weight	3.44 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins