Product datasheet

Specifications



Forta electro mechanical actuator M700 S2 for globe valve

8800441000

EAN Code: 3606489659400

Main

Actuator product range	SpaceLogic
Product or component type	Actuator
Actuator type	Electric
Actuator product series	M700
Actuator model	M700
Product destination	globe valve
Actuator	Linear
Motor type	Brushless DC motor
Control type	Automatic reset
Switch function	2 SPDT
rated supply voltage	24 V AC/DC
Analogue input range	0...10 V DC
Feedback signal	2...10 V DC
Transformer rated power in VA	50 VA
Power consumption in VA	30 VA AC
Hold-in power consumption in VA	30 VA AC
Power loss return	Spring return
Control signal	Floating Proportional/modulating
Stroke length	9…52 mm
Stroke auto calibration	True
Electrical insulation class	Class II
Force N	700 N
Force lbf	157 lbf
Position indicator	Stroke indicator on yoke
Conduit connection	2 x 20 mm conduit hole
Leads and connections	Terminal block
Stroke running time	15 s
Stroke running time noload retract	95 s
IP degree of protection	IP54
Duty cycle	20 %

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

Ambient air temperature for operation	-10…50 °C
Relative humidity	0…90 %
Ambient air temperature for storage	-10…50 °C
Targeted region	Europe Asia Pacific. Australia.

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	22.8 cm
Package 1 Width	22.4 cm
Package 1 Length	31.2 cm
Package 1 Weight	4.9 kg

Logistical informations

Country of origin	IT

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

Total lifecycle Carbon footprint	**353 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**262 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**9 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.4 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**72 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**9 kg CO2 eq.**

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 Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**79**
End of life manual availability	**End of Life Information**
Removable battery	**No**
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**