

Semi-rotary actuator DRE-100-F12-Q10-FO-O

Part number: 190314

FESTO

Single-acting, air connection as per VDI/VDE 3845, Namur valves can be directly flange-mounted



Data sheet

Feature	Value
Size of actuator	100
Flange hole pattern	F12
Swivel angle	90 deg
End-position adjustment range at 0°	-4 ... 8 deg
End-position adjustment range at 90°	-8 ... 4 deg
Fitting connection conforms to standard	ISO 5211
Cushioning	No cushioning
Assembly position	Any
Mode of operation	single-acting
Design structure	Rack and pinion
Position detection	No
Closing direction	Spring force, opening
Valve connection conforms to standard	VDI/VDE 3845 (NAMUR)
Operating pressure	2 ... 10 bar
ATEX identification	II 2 GD c X
ATEX ambient temperature	-20°C ≤ Ta ≤ +60°C
Operating medium	Dried compressed air, lubricated or unlubricated
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (ATEX)
Corrosion resistance classification CRC	3
Ambient temperature	-20 ... 80 °C
Torque at 6 bar	745 Nm
Spring return moment	267 Nm
Air consumption at 6 bar per cycle 0°-90°-0°	24 l
Product weight	22,900 g
Shaft connection	V27
Pneumatic connection	Subbase G1/4
Materials note	Contains PWIS substances