

Semi-rotary actuator DRVS-12-90-P-EX4

Part number: 2536487

FESTO



Data sheet

Feature	Value
Size	12
Cushioning angle	0.5 deg
Swivel angle	0 ... 90 deg
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Design structure	Rotary vane
Position detection	For proximity sensor
Variants	Spigot shaft
Operating pressure MPa	0.25 ... 0.8 MPa
Working pressure	2.5 ... 8 bar
Max. swivel frequency at 0.6 MPa (6 bar, 87 psi)	3 Hz
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
ATEX category Gas	II 2G
ATEX category Dust	II 2D
Explosion ignition protection type Gas	Ex h IIC T4 Gb X
Explosion ignition protection type Dust	Ex h IIIC T120°C Db X
Explosion-proof ambient temperature	0°C ≤ Ta ≤ +60°C
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	0 ... 60 °C
Max. axial force	20 N
Max. radial force	25 N
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	1 Nm
Permissible mass moment of inertia	0.005 kgm ²
Product weight	154 g
Mounting type	with internal (female) thread
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material of drive shaft	High alloy steel, non-corrosive
Material seals	TPE-U(PU)
Material housing	Die-cast aluminium, painted