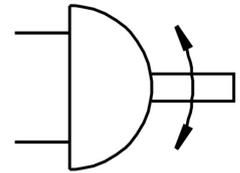


Rotary actuator DRVS-8-180-P-EX4

Part number: 2536486

FESTO



Data sheet

Feature	Value
Size	8
Cushioning angle	0.5 deg
Swivel angle	0 deg ... 180 deg
Type code	DRVS
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Structural design	Rotary vane
Position sensing	For proximity sensor
Symbol	00991265
Variants	Spigot shaft
Operating pressure	0.35 MPa ... 0.8 MPa
Operating pressure	3.5 bar ... 8 bar
Max. swivel frequency at 6 bar	3 Hz
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
ATEX category gas	II 2G
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex h IIC T4 Gb X
Type of (ignition) protection for dust	Ex h IIIC T120°C Db X
Explosive ambient temperature	0°C ≤ Ta ≤ +60°C
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	1 - Low corrosion stress
Ambient temperature	0 °C ... 60 °C
Max. axial force	10 N
Max. radial force	20 N
Theoretical torque at 6 bar	0.35 Nm
Permissible mass moment of inertia	0.0013 kgm ²
Product weight	68 g
Type of mounting	With internal thread
Pneumatic connection	M3
Note on materials	RoHS-compliant

Feature	Value
Drive shaft material	High-alloy stainless steel
Seals material	TPE-U(PU)
Housing material	Wrought aluminum alloy Anodized