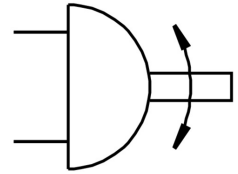


Quarter turn actuator DRRD-20-180-FH-Y9A

Part number: 1427379

FESTO



Data sheet

Feature	Value
Size	20
Cushioning angle	72 deg
Adjustment range of swivel angle, both sides	+10 /-190 deg
Swivel angle	180 deg
Type code	DRRD
Cushioning	Internal hydraulic cushioning normal
Mounting position	Any
Design	Gear rack/pinion
Position sensing	For proximity sensor
Symbol	00991265
Operating pressure	2 bar ... 10 bar
Mode of operation	Double-acting
ATEX category gas	II 2G
Type of ignition protection for gas	Ex h IIC T4 Gb
ATEX category for dust	II 2D
Type of (ignition) protection for dust	Ex h IIIC T120°C Db
Explosive ambient temperature	-10°C <= Ta <= +60°C
Explosion prevention and protection	Zone 22 (ATEX) Zone 21 (ATEX) Zone 2 (ATEX) Zone 1 (ATEX)
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)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Ambient temperature	-10 °C ... 60 °C
Theoretical torque at 6 bar	2.41 Nm
Permissible mass moment of inertia	0.125 kgm ²
Product weight	883 g
Type of mounting	With through-hole Optionally: With internal thread
Pneumatic connection	M5
Note on materials	RoHS-compliant Contains paint-wetting impairment substances
Drive shaft material	Tempered steel
Cover material	Anodized Wrought aluminum alloy

Feature	Value
Seals material	NBR TPE-U(PU)
Housing material	Wrought aluminum alloy Smooth anodized