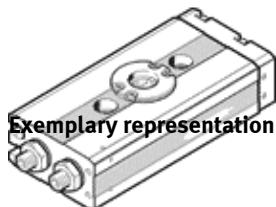


Semi-rotary actuator DRQD-12- -

Part number: 187433
Product to be discontinued

FESTO

Type to be discontinued. Available until 2018. See Support Portal for alternative products.



Exemplary representation



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	12
Setting range of swivel angle on both sides	-20 /+ 6 deg
Swivel angle	0 ... 180 deg
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Rack and pinion
Max. number of intermediate positions	1
Position detection	For proximity sensor
Variants	Flanged shaft Transfer plate Spigot shaft
Working pressure	1 ... 8 bar
Mode of operation	double-acting
ATEX category Gas	II 2G
Explosion ignition protection type Gas	c T4 X
ATEX category Dust	II 2D
Explosion ignition protection type Dust	c 120°C X
Explosion-proof ambient temperature	-10°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)
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (ATEX)
Corrosion resistance classification CRC	1
Ambient temperature	-10 ... 60 °C
Theoretical torque at 6 bar	0.76 Nm
Permissible mass moment of inertia	0.00007 kgm ²
Mounting type	Optional with through hole with internal (female) thread
Pneumatic connection	M3
Materials note	Free of copper and PTFE
Materials information for drive shaft	Aluminum
Materials information for cover	Aluminum
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Aluminum