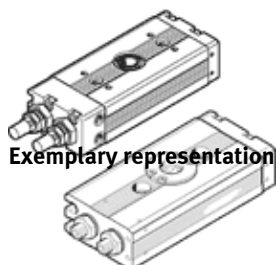


# Semi-rotary actuator DRQD-50- -

Part number: 197374  
Product to be discontinued

FESTO

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



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	50
Setting range of swivel angle on both sides	-20 /+ 6 deg
Swivel angle	360 deg
Cushioning	PPV): Pneumatic cushioning, adjustable YSRJ): Shock absorber, hard characteristic curve, adjustable
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 ... 10 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)
Ambient temperature	-10 ... 60 °C
Theoretical torque at 6 bar	50 ... 78.6 Nm
Permissible mass moment of inertia	0.05 ... 1.1 kgm <sup>2</sup>
Mounting type	Optional with through hole with internal (female) thread
Pneumatic connection	G1/4
Materials note	Free of copper and PTFE
Materials information for drive shaft	Heat-treatment steel
Materials information for cover	Wrought Aluminum alloy Anodized
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Wrought Aluminum alloy Smooth anodized