

# Semi-rotary actuator DRQ-20- -90-PPVJ-A

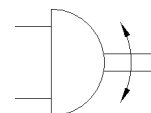
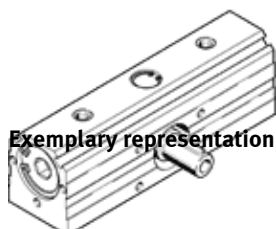
Part number: 154455  
Product to be discontinued

FESTO

For proximity sensing, with adjustable end position cushioning and backlash-compensating gearing.

Variant with selectable swivel angle from 0 to 89°.

Type to be discontinued. Available until 2017. See Support Portal for alternative products.



## Data sheet

Feature	Value
Size	20
Cushioning angle	78.3 deg
Setting range of swivel angle on both sides	-4 /+ 4 deg
Swivel angle	90 deg
Cushioning	PPVJ: Pneumatic cushioning, adjustable
Assembly position	Any
Design structure	Rack and pinion
Position detection	For proximity sensor
Working pressure	2.5 ... 10 bar
Max. swivel frequency at 6 bar	3.4 Hz
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:::]
Ambient temperature	-10 ... 60 °C
Theoretical torque at 6 bar	1 Nm
Permissible mass moment of inertia	0.0003 kgm <sup>2</sup>
Product weight	730 g
Mounting type	with internal (female) thread
Pneumatic connection	M5
Materials information for drive shaft	Case-hardened steel
Materials information for seals	TPE-U(PU) NBR