

# Rotary actuator DRVS-12-180-P-EX4

Part number: 2536488

FESTO



## Data sheet

Feature	Value
Size	12
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
Design	Rotary vane
Position sensing	For proximity sensor
Symbol	00991265
Variants	Spigot shaft
Operating pressure	2.5 bar ... 8 bar
Max. swivel frequency at 6 bar	3 Hz
ATEX category gas	II 2G
Type of ignition protection for gas	Ex h IIC T4 Gb X
ATEX category for dust	II 2D
Type of (ignition) protection for dust	Ex h IIIC T120°C Db X
Explosive ambient temperature	0°C ≤ Ta ≤ +60°C
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (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)
Corrosion resistance class (CRC)	1 - Low corrosion stress
Ambient temperature	0 °C ... 60 °C
Max. axial force	20 N
Max. radial force	25 N
Theoretical torque at 6 bar	1 Nm
Permissible mass moment of inertia	0.005 kgm <sup>2</sup>
Product weight	152 g
Type of mounting	With internal thread
Pneumatic connection	M5
Note on materials	RoHS-compliant
Drive shaft material	High-alloy stainless steel

<b>Feature</b>	<b>Value</b>
Seals material	TPE-U(PU)
Housing material	Painted Die-cast aluminum