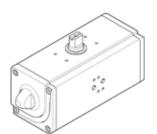
Semi-rotary actuator DAPS-0960-090-R-F14-T6 Part number: 553183

FESTO

double-acting, air connection according to VDI/VDE 3845 Namur valves, direct flange mounting, version with handwheel, low temperature version.





Data sheet

Size of actuator 0960 Flange hole patterm F14 Swivel angle 90 deg End-position adjustment range at 0° 1 1 9 deg Shaft connection depth 38.5 mm Fitting connection conforms to standard ISO 5211 Cushioning No cushioning Assembly position Any Mode of operation double-acting Design structure Yoke kinematics Position detection No Closing direction No Valve connection conforms to standard VDI/VDE 3845 (NAMUR) Safety Integrity Level (SIL) Product can be used in SRP/CS up to SIL 2 low demand Operating pressure 3 8 .4 bar Working pressure 3 8 .4 bar Nominal operating pressure 0.5 6 MPa Nominal operating pressure 5.6 bar Max. swivel frequency at 0.6 MPa (6 bar, 87 psi) 1 Hz 6c symbol (see declaration of conformity) according to EU-Ex protection guideline (ATEX) UKCA marking (see declaration of conformity) To UK EX instructions Certificate issuing department 1 UY Nord 212170801 ATEX category Gas II 2G	Feature	Value
Swivel angle 90 deg	Size of actuator	0960
End-position adjustment range at 0° Shaft connection depth 38.5 mm	Flange hole pattern	F14
Shaft connection depth 38.5 mm Fitting connection conforms to standard ISO 5211 SO 5211 SI 521	Swivel angle	90 deg
Fitting connection conforms to standard Cushioning No cushioning Any Mode of operation Design structure Position detection Closing direction Volve kinematics Position detection No Closing direction Valve connection conforms to standard VDI/VDE 3845 (NAMUR) Safety Integrity Level (SIL) Product can be used in SRP/CS up to SIL 2 low demand Operating pressure MPa O.3 0.84 MPa Working pressure 3 8.4 bar Nominal operating pressure Nominal working pressure Nominal working pressure 5.6 bar Max. swivel frequency at 0.6 MPa (6 bar, 87 psi) 1 Hz CE symbol (see declaration of conformity) To UK EX instructions Certificate issuing department TÜV Nord 212170801 ATEX category Gas ATEX category Gas ATEX category Dust Explosion ignition protection type Gas Explosion ignition protection type Gas Explosion ignition protection type Gas Explosion ignition protection type Gus Exh III C16T3 Gb X Explosion ignition protection type Gus Exh III C16T3 Gb X Explosion ignition protection type Gus Exh III C16T3 Gb X Explosion ignition protection type Gus Exh III C16T3 Gb X Explosion ignition protection type Gus Exh III C16T3 Gb X Explosion ignition protection type Gus Exh III C16T3 Gb X Explosion ignition protection type Gus Exh III C16T3 Gb X Explosion ignition protection type Gus Exh III C16T3 Gb X Explosion ignition protection type Gus Exh III C16T3 Gb X Explosion ignition protection type Gus Exh III C1	End-position adjustment range at 0°	-1 9 deg
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Mode of operation Design structure Yoke kinematics	Assembly position	Any
Design structure		double-acting
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maximum permissible torque listed in ISO 5211 with reference to the	Note about the torque	maximum permissible torque listed in ISO 5211, with reference to the
size of the mounting flange and of the coupling.		
Air consumption at 0.6 MPa (6 bar, 87 psi) per cycle 0°-nominal swivel angle-0°		·
Product weight 17,400 g	<u> </u>	17.400 g
Shaft connection T36	<u> </u>	
Pneumatic connection G1/4		



Feature	Value
Materials note	Conforms to RoHS
Material cover	Wrought Aluminum alloy
Material seals	FVMQ
	PTFE reinforced
Material housing	Wrought Aluminum alloy
Material screws	High alloy steel
Material shaft	High alloy steel
Material number for shaft	1.4305