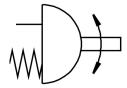
Quarter turn actuator DAPS-0030-090-RS4-F04-T4 Part number: 8030615

FESTO





Data sheet

Foliange hole pattern Swivel angle End-position adjusting range at 0° End-position adjusting range at nominal swivel angle Stand-position adjusting range at nominal swivel angle Standard connection Formation on the end-position adjusting range Or Standard connection for valve Cushioning Mounting position Ar Mode of operation Seign Position sensing Closing direction Symbol Valve connection conforms to standard	030 04 0 deg 1 deg 9 deg
Swivel angle End-position adjusting range at 0° End-position adjusting range at nominal swivel angle Suppose the shaft connection Expected Ex	0 deg 1 deg 9 deg
End-position adjusting range at 0° End-position adjusting range at nominal swivel angle Depth shaft connection Expected	1 deg 9 deg
End-position adjusting range at nominal swivel angle Depth shaft connection Type code Information on the end-position adjusting range Or Standard connection for valve Cushioning Mounting position Andode of operation Design Position sensing Closing direction Clark Symbol Valve connection conforms to standard VE Safety integrity level (SIL) September 1968 September 2068 Septembe	
Depth shaft connection Type code Information on the end-position adjusting range Standard connection for valve Sushioning Mounting position Andode of operation Design Position sensing Closing direction Clushool Valve connection conforms to standard VE Safety integrity level (SIL)	11 deg 91 deg
Type code Information on the end-position adjusting range Or Standard connection for valve Stushioning Mounting position Anode of operation Oesign Osition sensing Closing direction Symbol Valve connection conforms to standard Osafety integrity level (SIL) Or Standard Or	2 409 > 2 409
Information on the end-position adjusting range Or Standard connection for valve Cushioning Mounting position Ar Mode of operation Design Position sensing Closing direction Closing direction Closymbol Valve connection conforms to standard Valve integrity level (SIL)	6.5 mm
Standard connection for valve Cushioning Mounting position And Mode of operation Sin Design Position sensing Closing direction Closing direction Closymbol Valve connection conforms to standard VE Safety integrity level (SIL)	DAPS
Cushioning No Mounting position Ar Mode of operation Sin Design Sco Position sensing No Closing direction Closing direction October Symbol October Sing Single Standard VE Safety integrity level (SIL) Up	ne end position optionally adjustable
Mounting position Ar Mode of operation Design Position sensing Closing direction Closing direction Cymbol Valve connection conforms to standard Valve integrity level (SIL) Up	50 5211
Mode of operation Sin Design Scription sensing Not Closing direction Cluster of the standard VE Safety integrity level (SIL) Sin Mode of operation Sin Mod	lo cushioning
Design Sc Position sensing No Closing direction Closing direction OCI Symbol OCI Valve connection conforms to standard VE Safety integrity level (SIL) Up	ny
Position sensing No Closing direction Clief Closing direction Clief Closing direction OC Clief C	ingle-acting
Closing direction Closing direction Closing direction Closing direction OC VE	cotch yoke system
Symbol 000 /alve connection conforms to standard VE Safety integrity level (SIL) Up	lone
VE Safety integrity level (SIL) Up Up	lockwise closing
Safety integrity level (SIL) Ur Ur	0991266
Ur	/DI/VDE 3845 (NAMUR)
Onnection pressure for spring force	lp to SIL 2 high demand mode Ip to SIL 2 low demand mode
Someonon pressure for spring force	.6 bar
Operating pressure 5.0	.6 bar 8.4 bar
ATEX category gas	2G
Type of ignition protection for gas	x h IIC T6T3 Gb X
NTEX category for dust	2D
Type of (ignition) protection for dust	x h IIIC T85°CT200°C Db X
Explosive ambient temperature -2	20°C <= Ta <= +150°C
Ambient temperature -2	20 ℃ 150 ℃
Zo Zo	one 1 (ATEX) one 2 (ATEX) one 21 (ATEX) one 22 (ATEX)
Operating medium Co	ompressed air as per ISO 8573-1:2010 [7:4:4]
nformation on operating and pilot media Op	peration with oil lubrication possible (required for further use)
E marking (see declaration of conformity) as	s per EU explosion protection directive (ATEX)
Corrosion resistance class (CRC) 3 -	- High corrosion stress
orque at nominal operating pressure and 0° swivel angle	0 Nm
orque at nominal operating pressure and 50° swivel angle	

Feature	Value
Torque at nominal operating pressure and 90° swivel angle	20 Nm
Note about the torque	The actuator's operating torque must not be higher than the maximum permissible torque listed in ISO 5211, based on the size of the mounting flange and the coupling.
Spring return torque at 0° swivel angle	20 Nm
Spring return torque with 50° swivel angle	15 Nm
Spring return torque with 90° swivel angle	30 Nm
Spring force	4
Air consumption at 6 bar per cycle 0°-nominal swivel angle-0°	1.19
Product weight	1950 g
Shaft connection	T14
Pneumatic connection	G1/8
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	FPM PTFE-reinforced
Housing material	Wrought aluminum alloy
Material of screws	High-alloy steel
Shaft material	High-alloy steel
Material number for shaft	1.4305