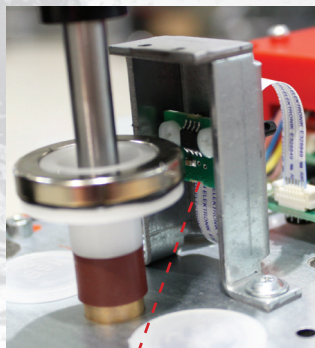


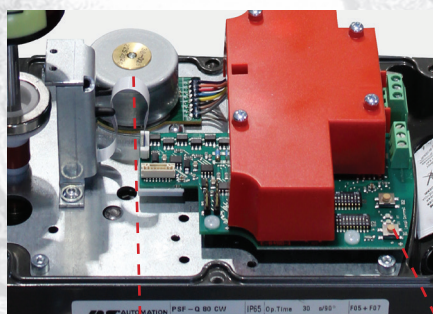
PSF-Q-M

PS® AUTOMATION
we care for actuation

Electric 90° quarter-turn actuator with manual override



Contactless, non-wearing travel detection with Hall sensor for exact positioning



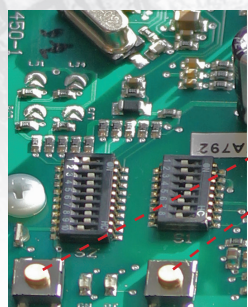
Brushless DC motor (BLDC). Controller with integrated positioner function



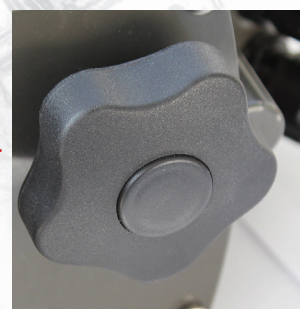
Robust industrial design with polycarbonate cover, enclosure IP65

Compact design with low installation height, durable aluminium gearbox

Status display and automatic commissioning



Manual operation with push buttons or handwheel. Parameter setting via DIP switches

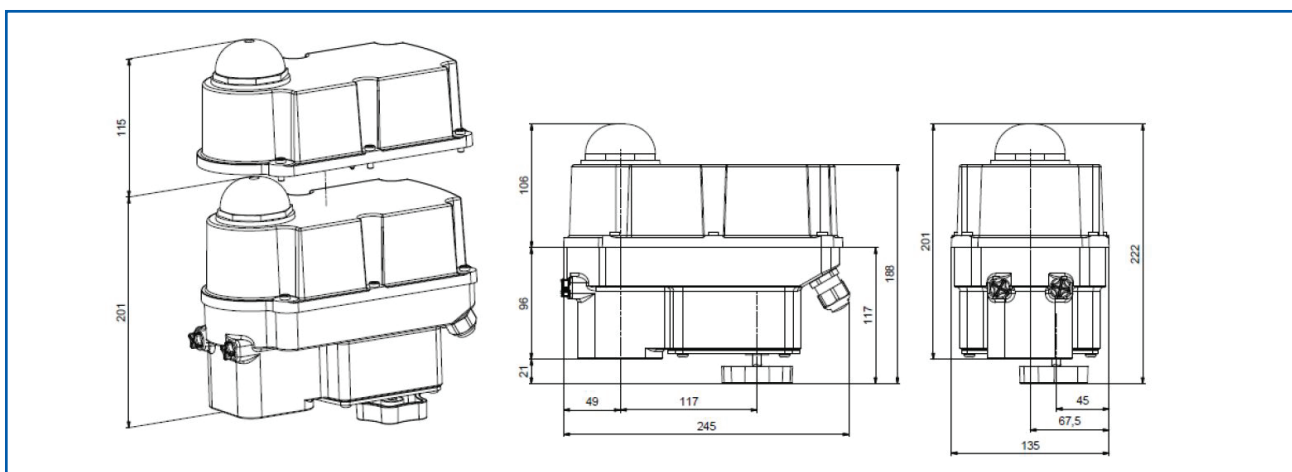


PSF-Q-M

Technical Data

		PSF-Q-M50	PSF-Q-M80
Torque	Nm	50	80
Operating Time / 90°		16 / 20 / 30 s (adjustable)	
Flange (ISO 5211)		F05 / F07	
Power supply	V	24 VAC/DC, 100 - 240 VAC	
Weight approx.	kg	4.2	
Frequency	Hz	50 - 60	
Nominal / Maximum Current	A	0.1 / 0.8	0.15 / 1.3
Power Consumption	W	15 (100-240 VAC) / 15 (24 VAC) / 12 (24 DC)	23 (100-240 VAC) / 23 (24 VAC) / 18 (24 DC)
Duty cycle as per IEC 60034-1,8		S2 30 min / S4 50% ED - 1200c/h	
Permitted ambient temperature		-10 to +60°C	
Motor Protection		Electronic motor current monitoring with safety cut-off	
Overvoltage Category		II	
Binary control		24 - 230 VAC & 24 VDC for ON/OFF service	
Set value and feedback		0-20 mA, 4-20 mA, 0-10 V, 2-10 V selectable	
Valve Positioner Function		Integrated, deadband 0.6% of full signal range, shut-off minimum	
Automatic Start-up		Recognizing the end position(s) and autoscaling set and feedback values	
Internal Fault Monitoring		Torque, set value, temperature, power supply	
Cable Glands		2 pcs. ISO M20 x 1.5 and 1 pcs. ISO M16 x 1.5	

Dimensions



PS Automation GmbH

Philipp-Krämer-Ring 13 • D-67098 Bad Dürkheim
+49 (0) 6322-94980-0 • info@ps-automation.com
www.ps-automation.com

Engineered and Made in Germany



ISO 9001
12 2019:2014
ISO 14001
13 2015:2014
www.proficert.de