

Technical data sheet

Pos.1	C.ref.:
Code:	SAR10.2-F10-B3-22-1ph/220-240V/50Hz-S4-25%-KS-A0001-30.5-22.05-RH-EN-AL-00[T]-F (IEC 85)-N-30-70-IP68-AC01.2-1ph/220-240V/50Hz-N-30-70-IP68-KS-A0001-S0-105-B1-D00.01-P20.02-R00.02-H00.01-A30.01-C00.01-F10.01
Wiring diagram:	TPCA-1B1-1C2-A000 TPA01R100-011-000
Valve attachment:	F10 B3 120 Nm 22 min ⁻¹
Settings:	120 Nm [120 Nm] 0 U/Hub [0 turns/stroke]
Comment:	-
Actuator design description:	
SAR10.2	Multi-turn actuator S4-25% intermittent duty, class C acc. to EN 15714-2
B3	output drive: bore with 1 keyway (acc. to EN ISO 5210) $\varnothing$ d10 = 20 mm (20)
1ph/220-240V/50Hz	mains voltage: alternating current AC 220-240 V 50 Hz
KS	corrosion protection: KS is suitable for units occasionally or permanently exposed to aggressive chemical substances, average total film thickness 140 μ m
A0001	colour: finish painting with standard colour for corrosion protection KN/KS/KX (AUMA silver-grey similar RAL7037)
RH	closing direction: clockwise
30.5	remote position indication: magnetic position transmitter MWG (AC.2)
22.05	heater: in switch compartment 24 V (internal supplied)
EN-AL	Name plate: English, aluminium
00[T]	motor protection: thermoswitches 140 °C (NC)
F (IEC 85)	motor winding insulation: insulation class F, tropicalized (IEC 85)
N-30-70	temperature design: suitable for ambient temperature -30 °C to +70 °C
IP68	enclosure protection IP68, submersible for max. 96 hours, max. 8 m head of water, up to 10 operations during the flooding
AC01.2	Actuator controls AUMATIC
1ph/220-240V/50Hz	mains voltage: alternating current AC 220-240 V 50 Hz
N-30-70	temperature design: suitable for ambient temperature -30 °C to +70 °C
IP68	enclosure protection IP68, submersible for max. 96 hours, max. 8 m head of water, up to 10 operations during the flooding
KS	corrosion protection: KS is suitable for units occasionally or permanently exposed to aggressive chemical substances, average total film thickness 140 μ m
A0001	colour: finish painting with standard colour for corrosion protection KN/KS/KX (AUMA silver-grey similar RAL7037)
S0-105	electrical connector S, cable entries with M-threads 1 x M20 x 1,5; 1 x M25 x 1,5; 1 x M32 x 1,5
B1	switchgear: thyristor unit, motor power class B1, Un max. 500 V
D00.01	interface: I/O interface
P20.02	analogue input 1: 4 – 20 mA for positioner
R00.02	input signals: CLOSE, OPEN, STOP, EMERGENCY, MODE
H00.01	output signals: 5 NO contacts 1A, 1 NO/NC contact 5A + 1 or 2 analogue outputs 0/4 – 20 mA for position and torque feedback
A30.01	auxiliary voltage output: 24 V DC for supply of the control inputs
C00.01	motor protection: thermoswitches, automatic reset
F10.01	controller: adaptive positioner with 0/4 – 20 mA input for position setpoint
Electrical data:	Motortype: VE0R48-2-0,25 Speed: 2800 rpm Power: 0,25 kW In: 2,6 A Imax: 4,2 A Is: 14 A cos phi: 0,78
Weight / Unit:	39 kg

Pos.2	C.ref.:
Code:	AUMA Controller AC01.2
Comment:	AC01.2-1ph/220-240V/50Hz-N-30-70-IP68-KS-A0001-S0-105-B1-D00.01-P20.02-R00.02-H00.01-A30.01-C00.01-F10.01 TPCA-1B1-1C2-A000 TPA01R100-011-000
Weight / Unit:	7 kg