

## TYPE CERTIFICATE

Type EP-Q96 electronic potentiometer  
for flush mounting

### TECHNICAL SPECIFICATIONS

* Accuracy of adjustment	± 20%
* Output (2 ranges)	0... ± 5V or 0... ± 10V (without load)
* Offset adjustment	± 5% of $\Delta U_0$
Ripple	Max. 5mV RMS
Resolution	5mV DC (12-bit D/A-converter)
* Integrating time (2 ranges)	2.5...25 s or 12.5...125 s
Reproduceability	± 2%
Response time	< 0.1 s
* Supply voltage	24V DC ± 25%

### TYPE TEST SPECIFICATIONS

		TESTED ACCORDING TO:
Insulation	500V DC, > 100 M $\Omega$	GL, DNV and LR
Vibration	3-13.2Hz: 3mm 13.2-100Hz: 1.0 g	Class A, DNV Test 1, GL and LR
Shock	6 attempts with 15 g (in 3 directions)	IEC 68-2-27, Test: Ea
Climate	Class HSE	DIN 40040
Protection	Panel front: IP65, Panel rear: IP53	EN 60529
Temperature	-10...55 °C (nominal) -25...70 °C (operating) -40...70 °C (storage)	GL, DNV and LR
Safety	Cat. III - 300V - galvanic separation	EN 61010-1
EMC	Immunity	SS4361503 - PL4 IEC 255-4 - class 3 EN 50082-1/2
	Emission	EN 50081-1/2

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Johan Ulfich TYPE TEST

\*) Tested on all units according to specifications.  
Remaining specifications are tested regularly by test sampling.