

Type:	TAV-311DG Voltage transducer for DIN rail or base mounting
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Technical specifications	
Measuring range:	0...100% $U_{nom}$ / 67...100% $U_{nom}$ (standard)
Measuring frequency:	45...65Hz (300...500Hz)
Measuring voltage:	0-120/230/440V/88-132V ( $\leq 0,3VA$ )
Output: (20...100%)	4...20mA Output Limit < 22mA Zero adjustment $\pm 20\%$ Span adjustment $\pm 20mA$
Auxiliary supply:	110/230/440V AC $\pm 20\% \leq 2,5VA$ 24V DC -25/ +30% $\leq 2W$
Accuracy:	Class 0.5 (-10...15...30...55°C) IEC 688 and EN 60688

Type test specifications		Tested according to:
Insulation:	500V DC, >100M $\Omega$	DNV, GL and LR
Vibration:	3...13.2Hz: 3 mm 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:	Case: IP40 Terminals: IP20	IEC/EN 60529
Temperature:	-10...55°C (nominal) -25...70°C (operating) -40...70°C (storage)	DNV, GL and LR
Temperature drift:	Typ. 0.15% per 10°C Max. 0.2% per 10°C	IEC/EN 60688
Galvanic separation:	2kV – 50Hz – 1 min. All circuits mutually	EN 61010-1
EMC:	Immunity	SS4361503 – PL 4, IEC 255-4 – class 3 and EN 50082-1/2
	Emission	EN 50081-1/2

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