

**DEIF A/S****Type certificate**

4124010035A

Type:	TAV-321DG Voltage transducer for DIN rail or base mounting
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**Technical specifications**

Measuring range:	0...100% $U_{nom}$ (standard)
Measuring frequency:	45...65Hz (300...500Hz)
Measuring voltage:	0-100/120/230/440V AC ( $\leq 2,8\text{mA}$ )
Output: (0...100%)	0...10mA / 0...20mA / 0...10V Span adjustment $\pm 20\%$
Auxiliary supply:	No separate auxiliary supply
Accuracy:	Class 0.5 (-10...15...30...55°C) IEC 688 and EN 60688

**Type test specifications**

		Tested according to:
Insulation:	500V DC, $>100\text{M}\Omega$	DNV, GL and LR
Vibration:	3...13.2Hz: 3 mm	Class A, DNV Test 1, GL and LR
	13.2-100Hz: 1.0 g	
Shock:	6 attempts with 15 g (in 3 directions)	IEC 68-2-27, test: Ea
Climate:	Class HSE	DIN 40040
Protection:	Case: IP40	IEC/EN 60529
	Terminals: IP20	
Temperature:	-10...55°C (nominal)	DNV, GL and LR
	-25...70°C (operating)	
	-40...70°C (storage)	
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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