



TYPE CERTIFICATE

TYPE DCF-Q96 DC INTEGRATOR/PULSE TRANSMITTER
for flush mounting

TECHNICAL SPECIFICATIONS

* INPUT SIGNAL	0...0.06V/1V, 0..10V, 0..5mA, 0..20mA, 4..20mA	
* SETTING	(According to order specification)	
* AUXILIARY VOLTAGE (V,)	100-110-127-220-230-240-380-400-415-440V AC $\pm 20\%$ (40..70Hz) 24V DC $\pm 25\%$ (with built-in DC inverter) Burden: 3..5VA (4W). Aux. voltage drift: Max. 0.05% of set value (p.p.h.) per 10% variation of auxiliary voltage	
* NON-LINEARITY	Max. 0.1% of set value (pulses per hour) for inputs: 2...120%	
* COUNTER	Built-in electromechanical 6 digit counter without reset function	
TEMPERATURE DRIFT		
* ACCURACY	Class 0.5 of set value (p.p.h.) (-10... <u>15</u> ...30...55 °C)	IEC 688 and EN 60688

TYPE TEST SPECIFICATIONS

INSULATION	500V DC, > 100 M Ω	<u>TESTED ACCORDING TO:</u> GL, DNV and LRS
VIBRATION	3-30Hz: 100mm/sec 30-100Hz: 1.9 g	Class B, DNV Test 1, GL and LR
SHOCK	6 attempts with 15 g (in 3 directions)	IEC68-2-27, Test: Ea
CLIMATE	Class HUE	DIN 40040
PROTECTION	Case: IP53 Terminals: IP20	IEC 529 and EN 60529
AMBIENT TEMPERATURE	-10... +55 °C (nominal) -25... +60 °C (operating) -40... +70 °C (storage)	GL, DNV and LRS
TEMPERATURE DRIFT	Max. 0.15% of set value (p.p.h.) per 10 °C	
GALVANIC SEPARATION	2kV - 50Hz - 1 min. Between input, output and auxiliary voltage	GL, DNV and LRS
EMC	Immunity	SS4361503 - PL4 IEC 255-4 - class 3 EN 50082-1/2
	Emission	EN 50081-1/2

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