



-power in control

DEIF A/S

Type Certificate

4124040028A / ref. JCL

Type: RTC 300, RTC 600 and RTA 602

<i>Technical specifications</i>	
* Measuring angle electrical:	0...360°
* Measuring output signal: RTC RTA	CAN angel transmitter 4,0 to 20mA
Update rate: RTC RTA	Default 20Hz ≥7Hz
* Auxiliary supply RTC RTA	18 to 31,2V DC. Max. 1W consumption 7,5 to 35V DC. Max.1W consumption
* Linearity: RTC/RTA	0 to ± 180 deg.: ± 0,25%
Hysteresis and repeatability	< 0,1 deg.



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Type test specifications		Tested according to:
Temperature: RTC	-25....80°C (operating) -40....80°C (storage)	IEC 60068-2-1 IEC 60068-2-2
RTA	-40....80°C (operating) -40....80°C (storage)	IEC 60068-2-1 IEC 60068-2-2
Vibration:	3...25Hz: 3,2mm _{pp} 25...100Hz: 4g	IEC 60068-2-6 & IACS UR E10
Shock:	50g, 11msec. half sine Tested with 3 impacts in each direction in all 3 axes. Total 18 impacts per test.	IEC 60068-2-27, test Ea
Bump	25g, 16msec. half sine Tested with 1000 impacts in each direction in all 3 axes.	IEC 60255-21-2 (Class 2)
Safety:	Installation Cat.III 600V Pollution degree 2	EN 61010-1
EMC:		IACS UR E10 power distr. zone
Materials:	House: Aluminium Shaft: Stainless steel	
Protection:	IP67	IEC/EN 60529

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

19th November 2013

DEIF A/S

Keld Roed

Type Approval Manager