



-power in control

DEIF A/S

Type Certificate

4124010009E

Type:	EQ48-x, EQ72-x, EQ96-x, EQ144-x 90° Moving iron indicating instruments Ammeters and voltmeters
-------	--

Technical specifications	
* Accuracy:	Class 1.5 (-10...15...30...55°C) to IEC/EN 60051
* Scale:	To DIN 43802
* Measuring range:	To DIN 43701-2
Housing, Dimension & outlines:	To DIN 43700 and DIN 43718

Type test specifications		Tested according to:
Vibration:	3...5.3Hz: 50mm/sec 5.3...13.2Hz: 3mm 13.2-100Hz: 1g	Test 1, GL and LR DNV: Class A
Shock:	6 attempts with 15g (in 3 directions) 50g/6ms 22g/20ms	IEC 60068-2-27, test: Ea
Climate:	97% RH	IEC 60068-2-30, test Db
Protection:	Case: IP52 Terminals: IP20	IEC/EN 60529
Temperature:	-25...60°C (operating) -25...65°C (storage)	IEC/EN 60051
Safety:	** 600V – CAT III pollution deg. 2	IEC/EN 61010-1
EMC:	Immunity / Emission	IEC/EN 61000-6-1/2/3/4 IEC 60255-4 (Class 3)

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

**) Note EQ48-x 300V – CAT III pollution deg. 2

30 August 2012

DEIF A/S



Keld Roed
Type Test Manager



DEIF A/S
Frisenborgvej 33
DK-7800 Skive, Denmark
(+45) 9614 9614

DEIF A/S
Frisenborgvej 33, DK-7800 Skive, Denmark

Tel: (+45) 96149614 * Fax: (+45) 96149615
Further information: URL: <http://www.deif.com>