

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 59 381 - 08 HH

Company Eltorque AS
7125 Vanvikan, NORWAY

Product Description Electric Valve Actuators, QT Series

Type QT250 Digital 1.0, QT250 CanOpen 1.0
QT800 Digital 1.0, QT800 CanOpen 1.0

Environmental Category C, EMC1

Technical Data / Range of Application Power supply (external): 110-240V AC (50/60 Hz) / DC
Input (Digital): 2x DI (open, close)
Output: (Digital) 3x DO (open, close, alarm) - potential free contacts (max. 50V / 1A)
Input / Output (CanOpen): CanOpen interface
Programming interface: serial RS232
Opening angle: 0-90°, configurable 0-359°
Opening time: 13-60sec / 90° programmable QT250 ...
45-180sec / 90° programmable QT800 ...
Enclosure: anodized aluminium (AL6063)
Degree of protection: IP68 (5m / 1h)
Requirement class 3
Software/Firmware: Digital rev. 1.x.y , CanOpen rev. 1.x.y

Test Standard Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003

Documents Test reports: DNV No. 2005-3200 Rev. 1, No. 2005-3296 Rev. 1, NEMKO No. 43316
Technical Manual Eltorque Control Interfaces, dated 2008-04-22
Assembly drawings; Circuit diagrams; Software Development Documentation

Remarks None

Valid until 2014-04-16

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File No. I.C.01

Hamburg, 2009-04-17

Type Approval Symbol



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Germanischer Lloyd

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".