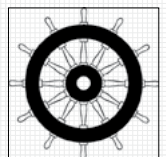




Serial analog Indicator SERANA-Q 96/144



DNVGL.COM/AF



- interfaces for NMEA signals
- digital inputs for all records relevant to the ship
- LED status and trend displays

Proven technology combined with the latest electronics



Proven technology combined with the latest electronics

- two interfaces for NMEA signals according to IEC 61161-1 and IEC 61161-2
- digital inputs for all records relevant to the ship
- independent “Wheelmark” approbation for ROT, RPM and RSA indicators
- wide range of certified scale designs
- LED status indication
- detection of cable break
- redundancy input
- LED trend display for the visualization of value tendencies
- dimmable via analog dimmers or via NMEA-DDC protocol by means of a central DIM master
- direct connection to the existent ship network
- direct connection to customer’s request for indicators with “Type Approval”

Features:

- presentation of all other data according to IEC 61162-1/-2 with “Type Approval” possible through configuration
- logarithmical indicators
- incorporated CAN and optional Ethernet interfaces
- increased protection through enclosed code “exposed” and frontal enclosure code IP66
- wide range of accessories (Dimmer, swing gate housing, etc.)
- conversion of the received data to the indicator possible (km/h to m/sec, knot to foot, etc.)



Serial analog Indicator SERANA-Q 96/144

SERANA-Q 144
Rate of turn indicator



SERANA-Q 144/96
Rudder angle indicator



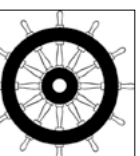
SERANA-Q 96
Propeller speed indicator
*(also available in
SERANA-Q 144)*

SERANA-Q 96 Dimmer

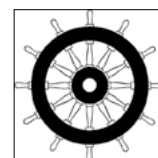
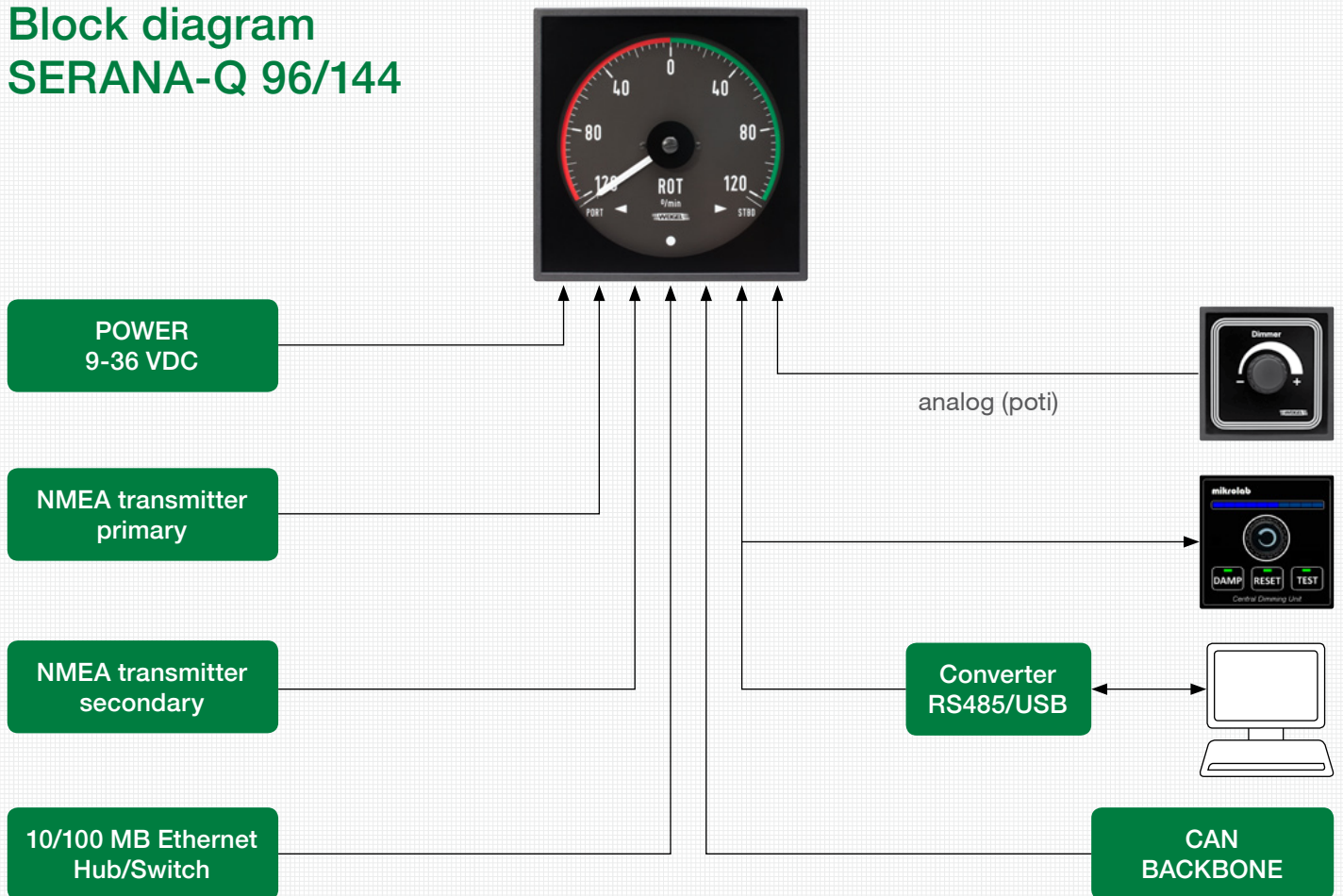


Wheelmark certificate for:

- MED/4.9 rate of turn
- MED/4.20 rudder angle
- MED/4.21 propeller speed
- DNV-GL Type Approval for further field of applications



Block diagram SERANA-Q 96/144



Electronic by:

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We will gladly prepare an individual quotation for you!