K-THRUST LEVER DISPLAY

KONGSBERG

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K-Thrust lever display for interface to operator and system.

Description:

The K-Thrust lever display is a 4.3” touch display.

Operator functions for the thruster can be collected in one device: feedback indication, control position indication, start/stop buttons or other project dependant functions.

Functional options:
- Top mount or flush mount by removing frame

Features:

- Redundant CAN net
- Redundant power
- 4.3” touch display w/ambient light sensor
- Internal speaker for audible indications/alarms

TECHNICAL SPECIFICATIONS

Supply voltage
- 2x 18/32 VDC Main
- 1x 18/32 VDC Backup

Weight of unit
- 0.6 kg

Top Mount
- 4pcs Top Screws with a nut lock. Max. console plate thickness 9mm

Flush Mount
- 4pcs studs with nut lock. Console plate 5mm± 0.1mm

Isolation
- Power Main/Backup: Isolated/floating from module chassis.
- Backup isloated from Main.
- CAN: Individually isolated
- Emergency Stop: Isolated

Power consumption
- Nominal: 5W
- Max: 9W

IP Code
- IP22

Environment tests
- IACS E10
- IEC 60945

Mechanical environment
- 0.7g

Operational temperature
- -15°C to +70°C

Storage temperature
- -25°C to +70°C

Max relative humidity
- 96% non-condensing

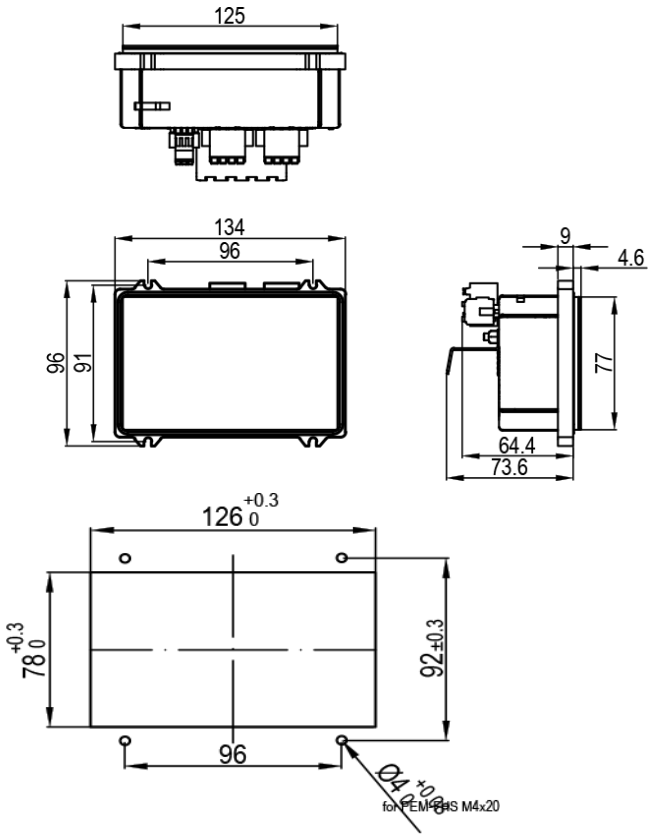
Connections, pluggable
- Power 4 terminals
- CAN bus 4 terminals
- Terminals
  - 2.5mm² with ferrules without plastic collar
  - 1.5mm² with ferrules with plastic collar

Communication
- 2CAN ports for communication with Main
- Display port for communication with Lever

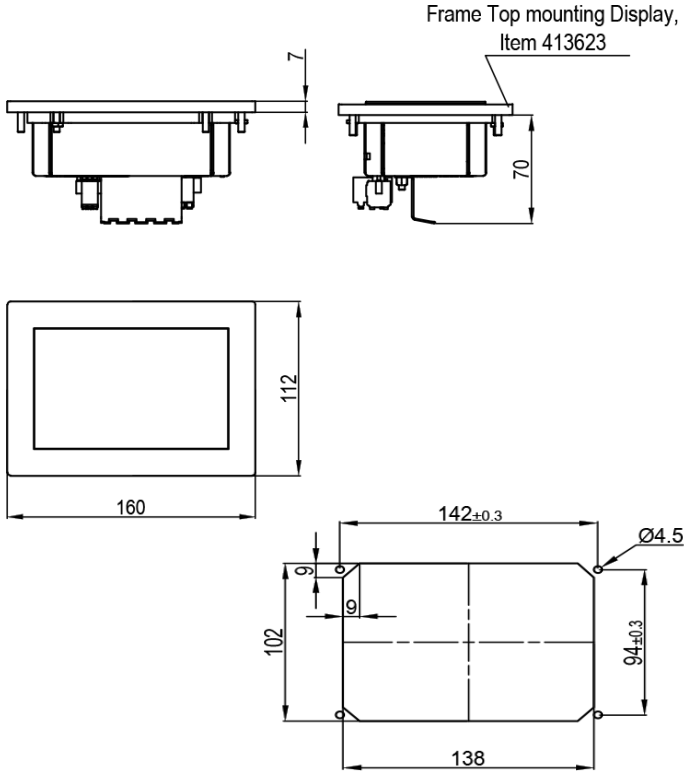
Type Approval
To be established with:
DNV GL, LRS, BV, RINA, NK, ABS, KR, MRS(Russia), CCS(China)

Part number
- 399324 (Flush)
- 416534 (Top)

Flush mount display



Top mount display



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