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 9mm± 0.1mm

### Isolation
- Power Main/Backup: Isolated/floating from module chassis.
- Backup isolated 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

![Flush mount display diagram]

### Top mount display

![Top mount display diagram]