

6300-0200

DIGITAL STEERING STATION



Putting You In Control.

Kobelt's digital steering system employs proportional valve control to provide precise movement of the vessel's rudder. All stations can be configured to suit the vessel's needs, whether the commands come from, a digital helm, FFU, NFU or autopilot. The controller communicates with the stations over a KNet network to reduce cabling requirements.



Specifications

ELECTRICAL

- Operating voltage 10 - 32 VDC
- Operating current w/o wheel 0.35 - 0.7 A
- Operating current w/ wheel 1.35 - 1.7 A

MECHANICAL

- Shipping dimensions 275mm x 170mm x 100mm (L x W x H) [10 7/8" x 7" x 3 7/8"]
- Product weight 0.65 kg [1.44 lbs]

ENVIRONMENTAL

- Environmental category ENV5 / Class C / exposed
- Operating temperature - 15°C to 55°C [5°F to 112°F]
- Storage temperature - 20°C to 60°C [-4°F to 140°F]
- Operating humidity 95% (non-condensing)
- Storage humidity 98% (non-condensing)
- Vibration/shock resistance Conforms to IEC:60945
- EMC immunity/emissions Conforms to IEC:60945
- IP rating IP56 (above console)
IP20 (below console)

Approvals

ABS (23-2474208-PDA)
LR (LR2482046TA)

Key Features

- Lab tested to IEC 60945
- Selectable NFU and/or FFU input redundancy¹
- Dual independent NFU and/or FFU input capability¹
- Accepts digital or analog helms
- Programmable tactile feedback of digital helm
- Continuous fault monitoring of connected devices
- Autopilot interface with seamless dodge function
- Accepts steering commands from qualified external systems¹
- Scalable up to 6 network connected helm stations¹
- Rugged anodized aluminum construction
- Accommodates many types of steering configurations
- Easy to install, commission and maintain

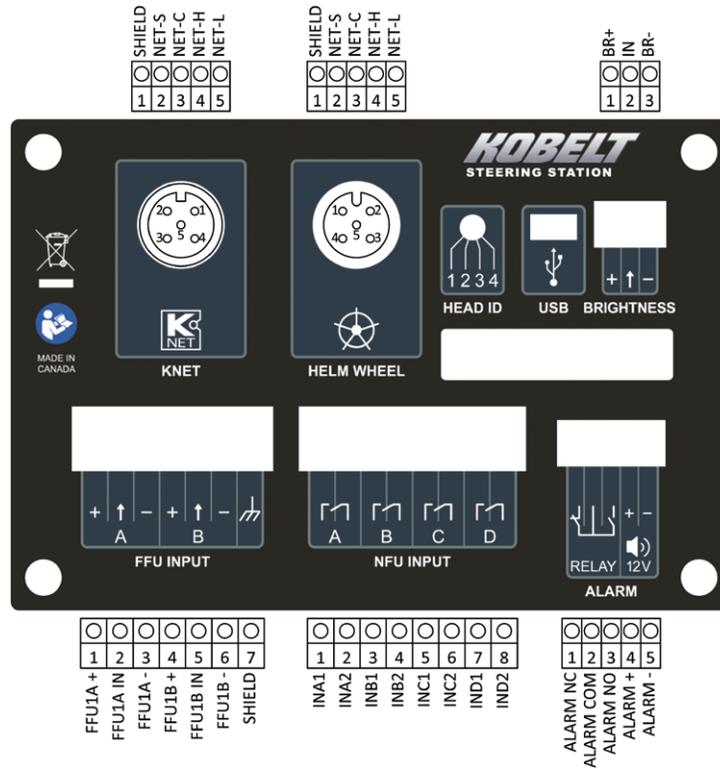
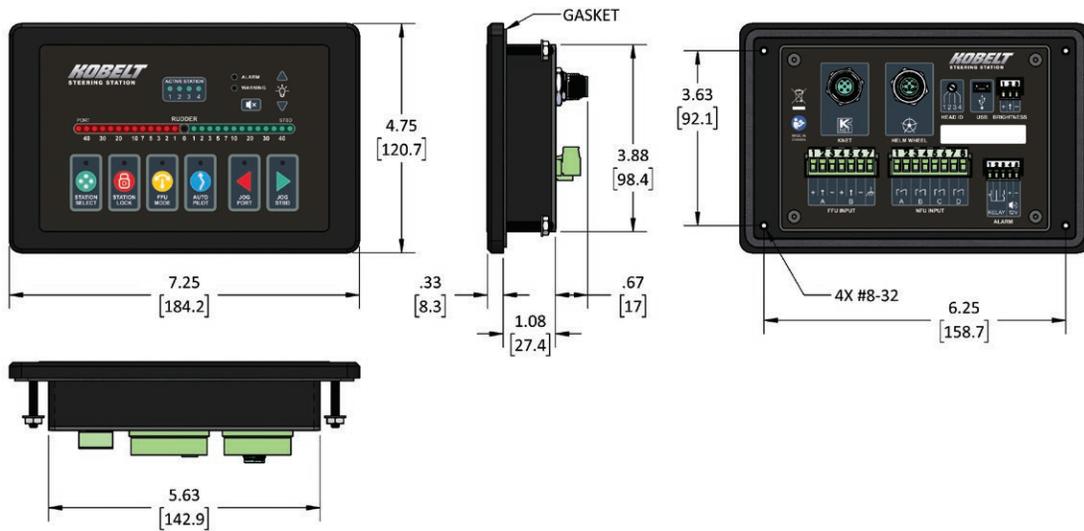
Available Models

- 6300-0200 4 station basic helm station
- 6300-0200-1 6 station enhanced helm station

¹ available with enhanced version only



SPECIFICATIONS



CONNECTORS

| | | | |
|--------------------------|---|----------------------|--------------------------------------|
| KNet Network Connection | 1 | M12 - 5 Pin Female | See Manual for wiring considerations |
| Electric Wheel Connector | 1 | M12 - 5 Pin Male | NMEA2000 Micro/Mid < 2m(6.5ft) |
| NFU Inputs | 1 | Phoenix 8 Pos 5.08mm | 20 - 16AWG |
| FFU Inputs | 1 | Phoenix 7 Pos 3.51mm | 20 - 16AWG |
| Brightness Input | 1 | Phoenix 3 Pos 3.51mm | 20 - 16AWG |
| Alarm | 1 | Phoenix 5 Pos 3.51mm | 20 - 12AWG |