

On-Board Oil Heater

Article-No.: Z-B 0005 0001



Design	
Mass	230 g
Material housing	PEEK
Electric power (t _{oil} = 20 °C)	500 W
Voltage	24 VDC
Surface power	6.5 W/cm ²

Main characteristics

Electric powered On-Board Oil Heater for heating and tempering of oil circuits (electrical power 500 W)

Low surface power (6.5 W/cm²) to protect medium

Low weight (230 g)

Optimized installation space

Function

Internal coil with 230 VAC/24 VDC to produce 500 W heating power at 20 °C oil temperature

Integrated temperature sensor to precisely heat and temper the oil

Additionally required: External Control Unit (Z-B 0006 0001) to set and control temperature

Measures

Length: 198 mm

Diameter: 45 mm

Hydraulic connections: -08 JIC connectors (other connections, e. g. -08 Wiggins available)

Electric connections: Souriau 8STA 0 12-26 PN (other connections available)

Electric power / voltage can be adapted to customer requirements

Control Unit for On-Board Oil Heater

Article-No.: Z-B 0006 0001



Design	
Mass	6.5 kg
Material housing	Aluminum
Electric power (t _{oil} = 20 °C)	500 W
Voltage	230 VAC/24 VDC
Controlling	LED Display

Main characteristics

Application for setting and controlling e.g. of gear box oil temperature

Optimizing oil temperature before race or qualifying

Optimized friction and reduced drag torques in gear box due to tempered oil

Compact design for harsh environments

Color according to customer specifications

Function

Control Unit for On-Board Oil Heater (Z-B 0005 0001) to heat and temper oil that runs through On-Board Oil Heater (Z-B 0005 0001)

Control electronics:

- LED-display
- Adjustable target temperature
- Adjustable alert thresholds

Measures

Length: 19 cm (without connections)

Width: 23 cm

Height: 20 cm (without switch)

Electric connections (power IN, other connections available):

- Supply Voltage 230 V AC, Neutrik NAC3 MPA-1, „Power-Con“
- Supply Voltage 24V DC, Souriau 8 STA 0 10-02PN, Pin A: +24V DC, Pin B: GND

Electric connection (power OUT, other connections available): Souriau 8STA 0 12-26 SN

Electric power / voltage can be adapted to customer requirements