



Mounting systems
Device protection (mechanical) / Cooling
elements

TPCC Cooling Case DME4000/DME5000



Model Name > [TPCC Cooling Case DME4000/DME5000](#)
Part No. > [6036180](#)



At a glance

- Efficient protection for sensors at ambient temperatures between -20 °C and +80 °C
- Maintenance-free Peltier cooling with 24 V / 15 A
- Rugged glass-fiber reinforced plastic housing with front screen
- Thermostatic internal temperature control
- Temperature monitoring with automatic cut-off in the event of excess temperatures
- Adjustable bracket for easy mounting

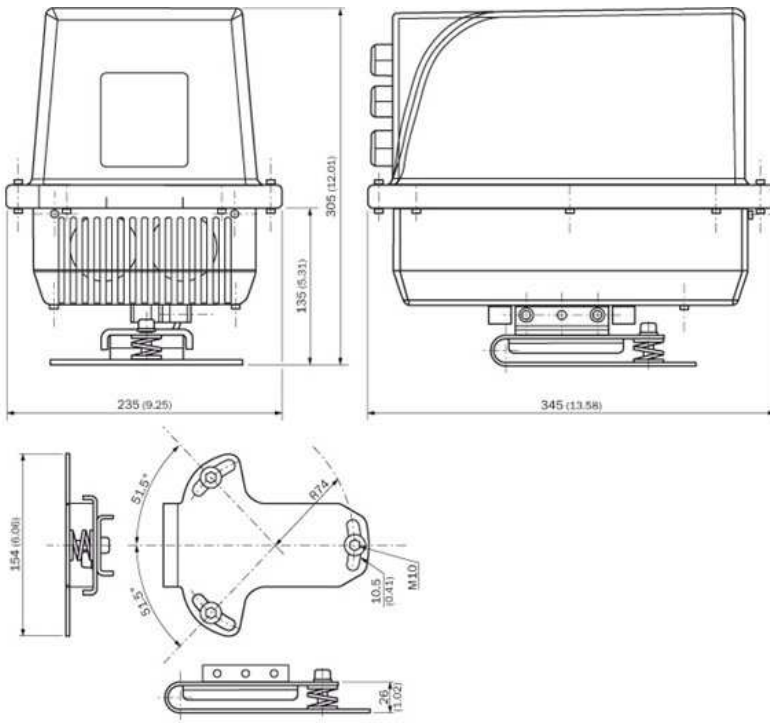
Your benefits

- Active sensor cooling through Peltier effect extends the operational lifetime by 15% at 25 °C ambient temperature and up to 400% at 45 °C. Less frequent sensor exchange significantly reduces operational costs.
- Increased sensor reliability reduces unexpected failure and associated system downtime. This effectively lowers costs associated with system breakdowns and increases productivity.
- Consistent internal temperatures guarantee high accuracy of the measured values for precise measurement results.
- Electric Peltier cooling is maintenance-free and only requires a 24 V connection instead of complex water or air system

Technical data

Accessory group:	Device protection (mechanical)
Accessory family:	Cooling elements
Description:	Thermo protection cooling case, peltier cooling unit, fiber glass housing
Weight:	7.5 kg
Operating voltage:	24 V DC
Power consumption:	15 A
Enclosure rating:	IP 54
Ambient operating temperature:	-40 °C ... +75 °C
Storage temperature:	-40 °C ... +75 °C

Dimensional drawing



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