

# IMD-150-238

## Robust Load Cell for Telehandlers

### Applications

- Telehandler
- Reach Stacker

### Special Features

- Durable and robust design
- IP66/67 protection rating in accordance with DIN EN 60529
- Minimal temperature drift: 0.1%/10K
- High overload capacity with a rating of 200%
- Providing roll-over protective safety
- CE certification

### Description

WIKA Mobile Control's IMD-150-238 load cells are designed especially for telehandlers. With durable design and protection rating IP66/67, this sensor is perfectly equipped for operation under harsh conditions.



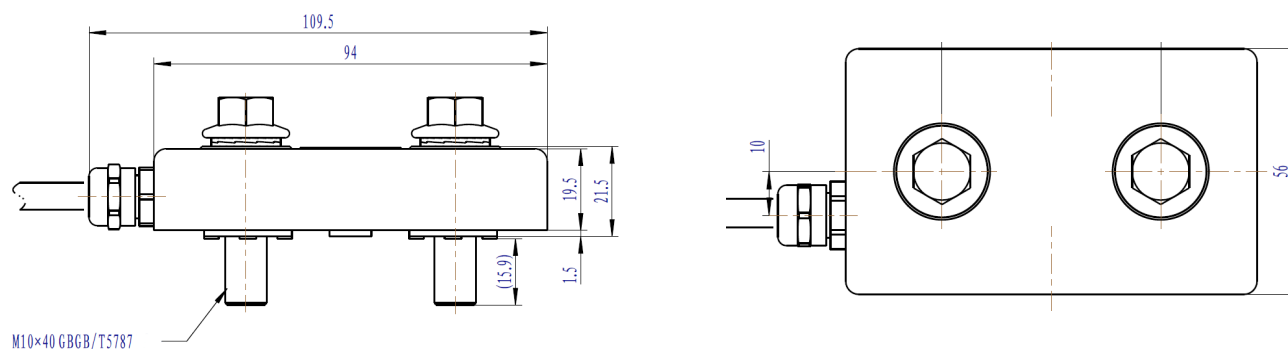
IMD-150-238 load cell

The IMD-150-238 load cell can measure forces up to 1500N with exact results by using digital output signals. Measurement results are temperature-compensated from -30...+80°C and therefore offer consistent accuracy over the entire temperature range.

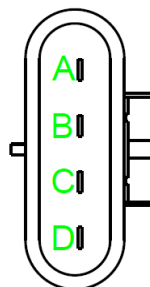
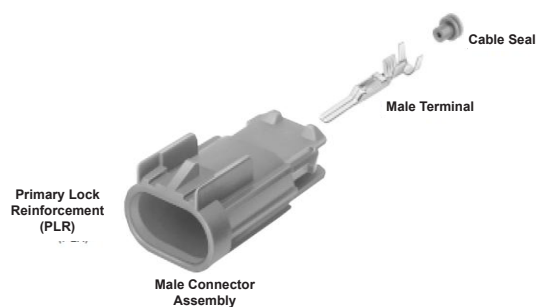
## Technical Specifications

IMD-150-238	
Operating voltage	9...36 VDC
Output signal	CANopen, redundant
Measurement range	0...1500 N
Maximum load	≥200%
Linearity error	≤3%
Temperature coefficient	≤±0.1%/10K
Circuit data	24 V / 20mA
Operating temperature	-30...+80°C
Storage temperature	-40...+85°C
Weight	1kg
Protection rating	IP66/67
Electrical connections	Delphi 4-pins
Shock / vibration	IEC 60068-2-27 / IEC 60068-2-64

## Dimensions



## Pin Assignment



4-Pins with 0.3 meter cable	
Pin A	Power Supply
Pin B	CAN_H
Pin C	CAN_L
Pin D	GND