

## Products

### Load pins / shear pin / load Cells / Force measuring pin

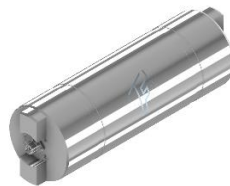
EMHA has developed a complete range of Techno Fysica™ shear pin load cells. These force measuring pins are designed to measure a shear force or constraint, without any change to the mechanical structure, simply by replacing the pin shaft with our custom-made load pin. Our sensors are compound filled and sealed, for the best protection against potential leakage, EMC and long lifetime performance.

### Features and benefits of Techno Fysica™ load pins

- Replace existing pins with no modifications to the system
- Easy to install / retrofit
- High levels of environmental protection
- High accuracy
- Long life design
- High tensile stainless steel
- Wide range of load pin variants
- Single or redundant bridge
- Hazardous area load pins available
- Hazardous area Zone 0, 1 and 2

### Available options

- Cabled or wireless
- Radial or axial cable exit
- Connector on client specification if required
- Dual bridge output (A & B strain gauge bridge network) for redundancy
- Bi-directional measurement (X and Y direction)
- Amplified output (Analogue or digital)



### Field of applications

- Offshore Drilling / pipe laying / cable laying / Renewables / production
- Dredging
- Towing
- Trenching
- Cranes
- Winches / Mooring systems

- Construction

EMHA Monitoring uses its expertise to custom design and manufacture load cells according to client specific applications. We provide an in-house health check, repair, refurbish and calibration service for any brand and type of load cells with fully traceable calibration certificates.