

# System for monitoring hydro grip pressure



The system has been developed to monitor pressure and temperature in hydro grips. It is equipped with an automatic emergency stop function. The sensors are robustly constructed from stainless steel to offer optimum stability and repeatability in all industrial and process environments. A patent under the name "WIRELESS SENSOR FOR MEASURING A HYDRAULIC PRESSURE" has been applied for.

| Pressure monitoring system                           |  |
|--|--|
| Components   | <ul style="list-style-type: none"> <li>• Wireless pressure sensors</li> <li>• Receiver (IP 66)</li> <li>• Monitoring software</li> <li>• Charger</li> <li>• Start key</li> </ul> |
| Accessories  | <ul style="list-style-type: none"> <li>• Emergency relay</li> <li>• Embedded computer</li> <li>• 3-level signal column</li> </ul>  |
| # sensors supported                                  | 16 per system  |
| Warnings, alarms and automatic emergency stop levels | Adjustable from the monitoring software.   |
| Reaction time  | Adjustable down to 2 seconds.  |

| Pressure sensor       |                     |
|-----------------------|---------------------|
| Connection            | Wireless            |
| Battery time          | 3 months per charge |
| Transmission range    | 10 m                |
| Pressure range        | 0 - 1000 bar        |
| Temperature range     | -30° to 90° C       |
| Mounting              | M10 x 1             |
| Environment temp.     | -25° to ~65° C      |
| IP code               | IP 67               |
| Weight                | 32 g                |
| Dimension (Diam. x H) | 19.6 mm Ø x 38.5 mm |