

Pressure Transponders

SERIES 550 Pressure Transponders

with PASSIVE RFID Transponder Interface for use with AMTEC HYDRAULIC NUTS.



This series is a unique combination of an extremely sturdy, tried-and-tested industrial pressure transmitter and RFID (radio frequency identification) wireless technology used to accurately measure the setup pressure of Amtec Hydraclamp Hydraulic Clamping Devices.

The Series 550 Transponder provides instant pressure readings using our handheld reader, which is especially important for continuous processes or machines with little dwell time. The reading of pressure does not decay but pressure, since no gauge or other device needs to be connected to the nut.

Series 550 RFID Passive RFID Pressure Transponders

The plastic cap houses the interface to the pressure transmitter and all RFID components including the antenna. The scanner (sold separately) provides the power required to log instantaneous values.

Performance features

- Extremely resistant to environmental impact
- Ultra-compact stainless steel housing
- High-accuracy, outstanding long-term stability, hysteresis-free
- Temperature displayed alongside accurate pressure reading
- Rated to 1000 bar max pressure capacity
- May be installed into any hydraulic nut or clamp large enough



SERIES 550RFID
RFID pressure transponder (passive)

Series 550 RFID

- No auxiliary power supply connector, no internal power source (battery or rechargeable battery)
- Scanners (portable handheld display units or various wired readers) used to read, display and store measurements are also available accessories.

