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## News Release

For Immediate Release:

### **New Non-Contacting Transducer For Hydraulic and Pneumatic Applications**

Southborough, MA...Designed for continuous use at operating pressures up to 350 bar, the Novotechnik TMI non-contacting transducers are readily integrated into hydraulic and pneumatic cylinders. Utilizing Novotechnik's proprietary Novostrictive® measuring process, TMI transducers provide direct, precise, and absolute measurements from 100 to 4,500 mm with single or multiple position markers. There are no limits to the transverse speed and acceleration of the markers and the TMI provides unlimited mechanical life expectancy.

In addition to standard analog, SSI and Start/Stop interfaces, the TMI series features Novotechnik's DyMoS serial interface to combine output data integrity using data transfer monitoring with an exceptionally high update rate of 16 kHz (62.5 µsec).

The TMI series is highly resistant to shock and vibration – up to 100 and 12 g respectively. Other key specifications include: Sealing to IP 67, linearity to 30µm, resolution to 2 µm regardless of stroke length, and compression peaks to 530 bar.

Applications for the TMI sensor include fluid power valve position, leveling jacks, off road agriculture and construction as well as other mobile equipment.

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