

Balluff Press Release

Press Release: Micropulse® Transducer “ProCompact” – cylinder feedback system for harsh environments

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With their “ProCompact” Micropulse® transducer sensor specialist and connectivity provider Balluff sets new standards for outdoor use of magnetostrictive linear transducer systems. The new system features a rugged, fully welded stainless steel housing with stainless thread fitting which makes it easy to adapt a cable protection system. With a protection rating of IP 67 or IP 69K the transducer is the ideal solution when the piston position in hydraulic cylinders needs to be precisely detected even under the harshest conditions.

User measures such as a separate housing, protective pint or special threaded fittings and cabling are entirely eliminated. The ProCompact is ready to use without any special adaptations. Ideal applications include hydro-electric, **offshore equipment** and outdoor hydraulic valves and drives.

Thanks to its high precision and reliability, the transducer is also found often in safety-relevant areas such as retensioning devices with overhead power lines or hydraulically driven large valves. With an adapted cable protection system the complete transducer system is even pressure rated to 40 bar for underwater use.

Micropulse® transducers from Balluff are absolutely wear- and maintenance-free, guaranteeing the user extremely long service life without non-productive and expensive downtimes.

For more information on the Balluff range of products contact our sales office on 0161 282 4700, email: sales@balluff.co.uk, web: www.balluff.co.uk

