Product sheet

Revolution counter system

About the system

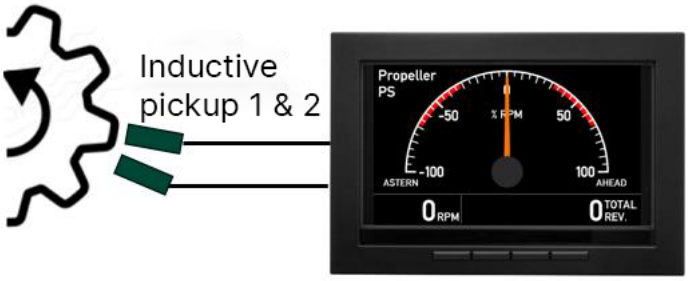
- Calculate absolute RPM and % RPM in unidirectional or bidirectional systems.
- Accumulates revolutions over time. Counts to max. 99, 999, 999 revolutions then starts from 0 again.
- Direct connection to an inductive pickup or similar pickup providing a digital on/off or open/closed signal.
- Setup and configuration via XDi menu.
- Can be set up with a revolution count start value, for example when retrofitting in an existing installation, when an old revolution counter is replaced.
- The values measured and calculated by the revolution counter can be shared with other RPM indicators via XDi net (or CANopen), to form a complete CAN-based RPM indicator system. For example, XDi with standard DEIF RPM library or XL with single CAN.
- Repeater indicators showing the revolution counter display can also be connected via XDinet and do not require the DX1 digital input module.

Unidirectional revolution counter

DEIF offers an XDi-based standard revolution counter system that only requires XDi, DX1 Digital extension module, and a connection to a standard PNP or NPN pickup sensor.

Bidirectional revolution counter

If your engine can run both ways and you want to be able to see that on the actual RPM indicator, DEIF offers an XDi-based standard revolution counter system that only requires XDi, DX1 Digital extension module, and a connection to two standard PNP or NPN pickup sensor. The number of revolutions is accumulated independent of the direction of the rotation.



Examples

Example of XDi 96D standard revolution counter design

For the full range of designs available, go to https://www.deif.com/products/xdi-d-revolution-counter/

Example of XDi 144/192D standard revolution counter design

XDi 144/192D standard revolution counter designs are the same as XDi 96D but with a different screen size.
For the full range of designs available, go to https://www.deif.com/products/xdi-d-revolution-counter/

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