

## Technical data

| D <sup>x</sup> -Speed                            |                                                                                                                  |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Maximum RPM                                      | ±7200 1/min                                                                                                      |
| Accuracy                                         | < 0.5 % at 0 °C to 50 °C                                                                                         |
| Signal frequency                                 | 16 Hz (others on request)                                                                                        |
| Temperature range                                | -10 °C to +65 °C                                                                                                 |
| Weight                                           | 400g                                                                                                             |
| Dimensions                                       | Diameter:140 mm, height: 36mm                                                                                    |
| D <sup>x</sup> -Telemetry Transmitter Unit (SCT) |                                                                                                                  |
| Transmission frequency                           | D <sup>x</sup> : 13 13 frequencies in the 868-MHz-Band<br>D <sup>x</sup> -HT: 17 frequencies in the 2.4-GHz-Band |
| Sampling rate                                    | Max. 4.6/5.0 kHz per channel (868-MHz-/2.4-GHz-Band)                                                             |
| Resolution                                       | 16 bit                                                                                                           |
| Synchronized measurements                        | Up to 4 D <sup>x</sup> -Speed sensors                                                                            |
| Ingress protection rating                        | IP 68                                                                                                            |
| Power voltage                                    | Battery with 40 h operation time                                                                                 |
| Transmission power                               | Max. 10 dBm                                                                                                      |
| D <sup>x</sup> -Telemetry Receiver Unit (RCI)    |                                                                                                                  |
| Antenna inputs                                   | 2 independent receivers in diversity mode                                                                        |
| Display                                          | 2.83 inch color display, 320 x 240 px                                                                            |
| Auto-zero                                        | Remote controllable                                                                                              |
| CAN interface                                    | CAN 2.0b acc. to ISO 11898, max. 1 Mbaud                                                                         |
| Analog output                                    | 6 BNC sockets                                                                                                    |
| Configuration                                    | Up to 4 D <sup>x</sup> -Speed                                                                                    |
| Power voltage                                    | 9-36 Volt DC                                                                                                     |

|                   |                                             |
|-------------------|---------------------------------------------|
| Temperature range | -20 °C to +65 °C                            |
| Dimensions        | Approx. 170 x 130 x 53 mm (without antenna) |
| Weight            | Approx. 0.8 kg                              |