



TSW - TECHNICAL FEATURES

- 1) Power supply 9..36VDC with overvoltage protection, polarity inversion and ESD 30KV;
- 2) Automotive Microcontroller NXP S912ZVCA19Fomkh
(operational temperature -40.. + 125 ° C);
- 3) nr. 1 CAN2.0B interface, speed up to 1MBIT /S with ISO Transceiver 11898-2: 2003 compliant (ESD 30KV protection), digitally programmable 120 ohm termination;
- 4) nr. 5 digital inputs ESD 30KV protection to acquisition of grip actuators;
- 5) nr. 7 **I/O** configurable by software; ESD 30 KV protection and short-circuit
- 6) nr. 2 analogue inputs (12bit resolution), 0..5V range with ESD 30 KV protection for grip sensors acquisition;
- 7) nr. 4 outputs (Cardinal directions) programmable High side / Low Side with ON/OFF control, Maximum current 100mA with protection (Overvoltage, Overcurrent, Short-circuit);
- 8) nr. 4 analogue outputs (12bit resolution) for proportional indication of the directions with programmable voltage (unipolar or bipolar): 0..5V; 0..10V; + 5V ..- 5V; + 10V ..- 10V;