

Steer actuator module fact sheet (SA)

Key features:

- Redundant actuator for steering
- Small, normally mounted between steering column and steering wheel
- Steer bracket set available for a wide range of cars
- Integrated high resolution multiturn absolute encoder
- Designed to fulfil ECE R 79

All engineered and produced in Switzerland → Swiss made.



Technical Data of SA (with Motor control Module):

- Operates on 24V
- Operating temperature -40 to + 90 °C
- IP Class IP30
- Max Torque 23 Nm
- No load speed 900°/s (150 rpm)
- Rotation range no limitation due to multiturn sensor
- Max Power consumption tbd
- Resolution tbd
- Life time 250'000 km or 5000 h
- Designed for interior placement ECE R 21

Motor control Module MC for above performance:



Two MC Modules needed, one for each motor

Technical Data of MC:

- Operation with SafeRTOS real-time operating System
- Operates on 24V
- Operating temperature -40 to + 85 °C
- IP Class IP40
- Connector Deutsch DT series
- Size 131 x 82 x 36 mm
- EMC compliance ECE-R 10 (test outstanding)