

Switchbox for Torque Transducer Type Switchbox SW 319

- Measurement of torque and angle with three torque sensors
- Operation with control switch and external setting with a PLC
- Each sensor can be assigned to one of nineteen parameter sets
- Avoidance of measurement with warm-up errors because of permanent sensor power supply
- Housing is shielded from electromagnetic radiation



Description:

Switchbox for common use in screws applications. Screwings of three screw drivers can be done in succession. Controlled by torque and angle. Sensor switching and changing the parameter set can be done manually with the control switch or externally e.g. with a PLC.

Avoidance of warm-up errors because of permanent sensor power supply. Customized functions can be realized.

Technical Data:

Input:	12 pin fitted flange socket with GMV2 pin assignment
Output:	12 pin fitted flange connector with GMV2 pin assignment
Parameter setting to GMV2:	Sub-D-9 pin connector
Supply voltage:	230V 50Hz
Power consumption:	max 30 VA
Power supply for sensor:	3 x 12 V / 0,2 A
Option (-e):	External settings
Parameter setting and	
Sensor selection:	Sub-D-25 pol. connector
Control voltage:	12-24 V
Parameter set selection:	No. 1 - 19 (BCD- code)
Display:	Two digit LED display
Character size:	13,5 mm
Color:	red
Operating temperature:	0 - 45°C
Humidity	< 75%
Protection:	IP 40 according DIN 40050
Dimensions:	320x115x280mm (WxHxT)
Color:	Housing RAL 7035 (grey)
	Front RAL 7030 (grey)and HKS 6 (orange)
Weight:	ca. 3,5 kg

Ordering example: SW 319 -e

Sensor Switchbox SW 319 with option external settings.

Available accessories:

Measuring cable, Torque transducers, Printer, Torque meter GMV2