

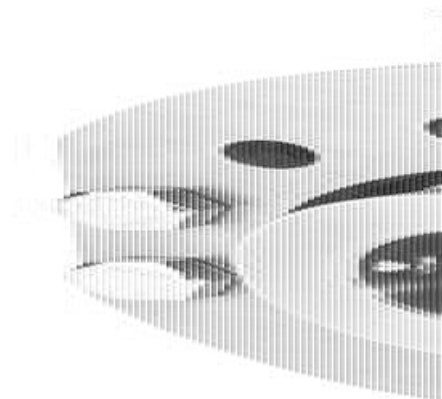


## KUBLER SLIP RING SR085

SR085-25-040411301

SLIP RING 4 SIGNAL / 4 POWER 25MM SHAFT

- Modular system
- Speed max. 800 rpm
- Lifespan 500 million revolutions
- Two-chamber system



### PRODUCT DESCRIPTION

SR085 has a strong design for industrial use. The construction is modular, where load and data signals can be combined individually. The load and data signals take place in physically separated chambers, which guarantees safe operation. The house is built in strong fiberglass-reinforced polycarbonate.

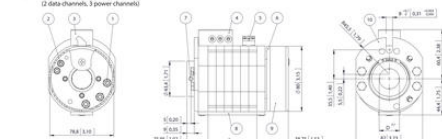
The transmission of load and signal takes place through trailer contacts with double contact surfaces, which are adapted for load or signal. The trailer contacts are asymmetrical to ensure that at least one always has contact, even in the event of vibrations. The load transfer takes place via trailer contacts of copper graphite for high wear resistance. The data transfer trailer connectors are made of copper alloy (gold-plated as an option for low signal voltages). Signal transmission can also be done for field buses e.g. Profibus and CANopen with up to 12 Mbit / s. The number of modules can be up to 20.

### TECHNICAL DATA

Contact resistance channel	1 $\Omega$
Contact resistance data channel	0,1 $\Omega$
Dielectric strength	1000 kV/m
Hollow shaft diameter max	25 mm
Insulation resistance	10 <sup>3</sup> M $\Omega$
IP class	IP50
Power load max	25 A
Rotation speed	800 rpm
Temperature operational max	85 °C
Temperature operational min	-35 °C

Standard version

Example: Type M085-25-02-03-11301-V100  
(2 data channels, 3 power channels)



- |  |   |                                      |
|--|---|--------------------------------------|
| 1 - Screw terminal M5 for power transmission   | 4 - Wire lead-in for power possible on both sides | 8 - Maintenance window               |
| 2 - Screw terminal M4 for signal transmission  | 5 - Terminal clamp for signal transmission        | 9 - Protective cover for connections |
| 3 - Terminal clamp for power without wire protection, with shock hazard touch protection | 6 - Rotating connection ring                      | 10 - Torque stop                     |
|  | 7 - 4 x socket set screw DIN 914 M6               |                                      |