

## SR-4260

### Multi-Channel Slip Ring

The **SR-4260**, a high accuracy 42 channel slip-ring for Payloads, was especially designed for high quality current and signal transmissions under harsh environmental conditions, when a large number of channels in a compact design is required. The outstanding raw materials used in this product provide extended lifetime, a critical feature in this type of application. A built-in encoder and a fiber-optic rotary joint are optional.

#### Features:

- High-current channels of up to 8A or 15A;
- For HD Video and LAN transmissions.

#### Applications:

- Payload/avionics/robotics/medical/rotary tables/sensor platforms/vision systems.



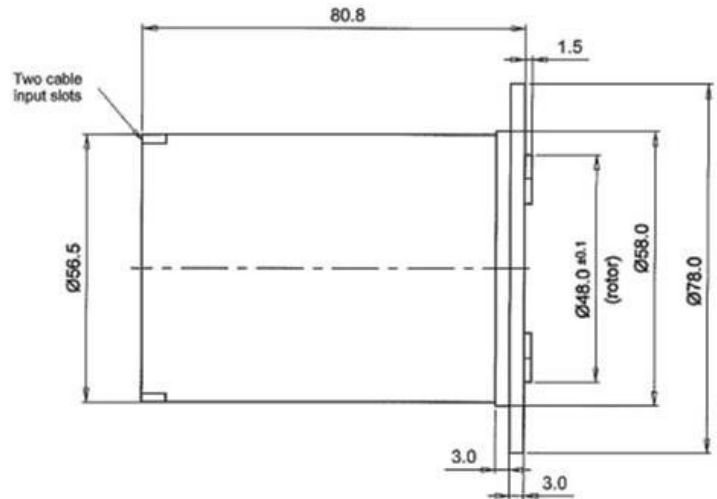
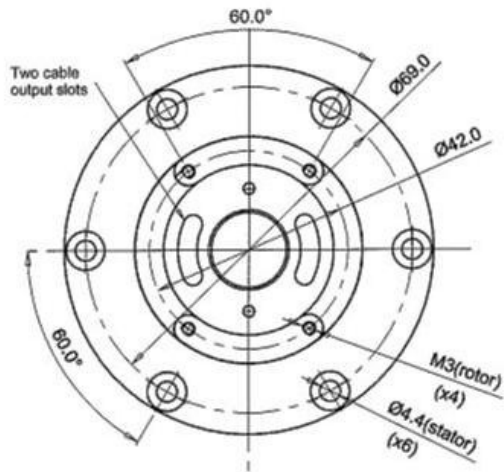
## Specifications

Parameters	Units	Values	Tolerances
Number of channels (circuits)	circ.	42*	-
Operating speed	rpm	40	max.
Lead wire length	mm	200	min.
Lead wire size (types)	AWG	20, 24, 26, 28, 30, COAX, LAN cable	-
Total current rating	A	60	max.
Current per pair	A	2.5 up to 15 according to spec	-
Temperature range	°C	-55 to +80	-
Dielectric strength	VAC RMS, 50 or 60 Hz	500	-
Insulation resistance	MΩ	100	min.
Housing	Aluminum	-	-
Contact material	Gold-on-gold	-	-
Noise	Ω	0.020 @ 2 rpm	max.
Starting torque	gm/cm	800	max.
Lifetime	revolutions	5,000,000	min.

\*Adaptable to customer requirement

## SR-4260 (continued)

### Drawings



*All dimensions are in mm*

### For Additional Information

To learn more about the SR-4260 Slip Ring or to discuss any required modifications, contact MTC on **+972 4 998 7772** or email [marketing@mtcind.com](mailto:marketing@mtcind.com)