

MEP20 Series Overview

Description

MEP20 slip ring union with 2channel gas that can combine with signal and power cable in continuous rotating system, and the signal circuits can be customized, the protection level can be IP54, IP65, IP68, etc.

- Transmit air, power and signal when 360°unrestricted rotation
- Through hole or flange structure optional
- Available all kinds of custom solutions



Specifications

Item	
Operating Speed	Max.300 RPM*
Electrical Circuits	2~120 wires
Lead Wire	AWG28#, AWG22#, AWG16# Teflon
Pneumatic Channel	2
Connection Size	M5, G1/8", G1/4", G3/8"
Suitable Media	Air / Gas / Vacuum
Pressure	-100kPa ~ 10bar
Housing Material	Al alloy
IP grade for electrical	Standard IP54, IP65 / IP68 for option

* Please note that the operational life of the unit is dependent upon rotational speed, environment and temperature

Options

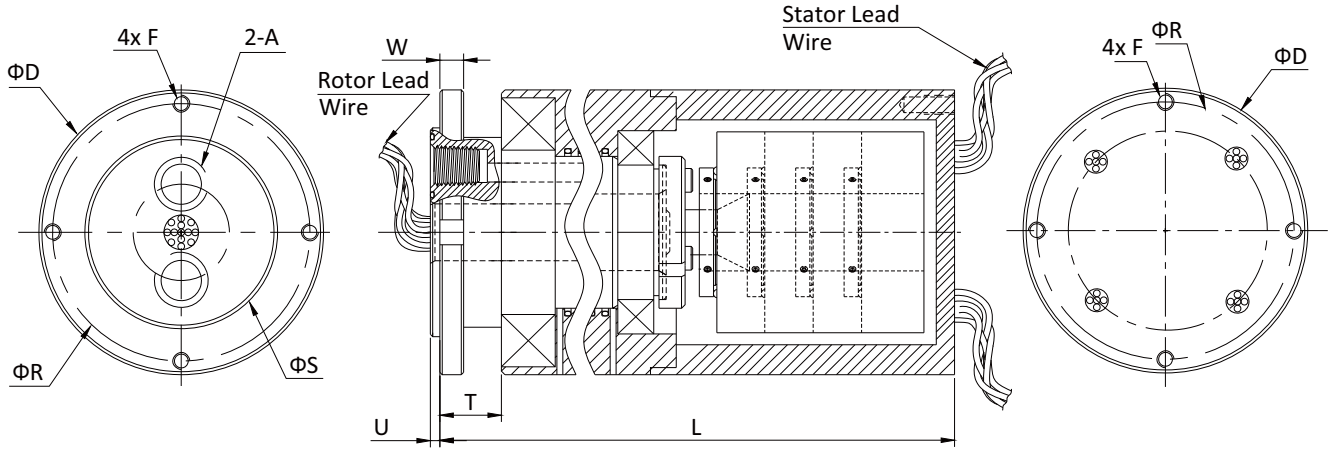
- Mounting flange
- Connection Size
- Direction of lead wire exits
- Longer lead lengths are available
- IP65,IP68 Optional

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MEP20 Series Dimensions



Notes:

1. Drawings not actual size, dimensions are in millimeters

Part#	A(BSPP/NPT)	ΦD	ΦR	ΦS	U	W	T	F
MEP200	M5	64	54	40	2	5	19.5	M6
MEP201	1/8"	64	54	42	2	5	21.5	M6
MEP202	1/4"	69	59	49	2	5	21.5	M6
MEP203	3/8"	79	69	57	2	5.9	25.5	M6

Part# List

Model#	Pneumatic	Signal(2A)	Length(mm)	Model#	Pneumatic	Signal(2A)	Length(mm)
MEP200-S06	M5	6	101.2	MEP202-S18	1/4"	18	125.5
MEP201-S06	1/8"	6	105.2	MEP203-S18	3/8"	18	142.7
MEP202-S06	1/4"	6	108.2	MEP200-S24	M5	24	126.8
MEP203-S06	3/8"	6	125.4	MEP201-S24	1/8"	24	130.8
MEP200-S12	M5	12	109.2	MEP202-S24	1/4"	24	133.8
MEP201-S12	1/8"	12	113.2	MEP203-S24	3/8"	24	151
MEP202-S12	1/4"	12	116.2	MEP200-S36	M5	36	142
MEP203-S12	3/8"	12	133.4	MEP201-S36	1/8"	36	146
MEP200-S18	M5	18	118.5	MEP202-S36	1/4"	36	149
MEP201-S18	1/8"	18	122.5	MEP203-S36	3/8"	36	166.2

Notes: Not all of the model are list in this table, if can not find suitable products, please contact us freely.

Model No. Description: MEP-201-S12

MEP:

Pneumatic / Hydraulic + Signal / Power

201:

2 --2 Passage;

0 --Pneumatic (1: Hydraulic; 2: Pneumatic + Hydraulic);

1 --1/8" Connection Size(2: 1/4"; 3: 3/8"; 4: 1/2"; 5: 3/4"; 6: 1");

S12: 12 Circuits Signal

P12 --12 Circuits Power

P6S6 --6x Power + 6x Signal

ETW --1x 100M/1000M Ethernet

Example:

MEP-201-S12 --2 Passage pneumatic, 1/8" BSPP Connections + 12 circuits signal

MEP-402-P6S6 --4 Passage Pneumatic, 1/4" BSPP Connections + 6x Power(10A) + 6x Signal(2A)

The circuits, current, size, signal type, installation are available custom solutions.