

MEP10 Series Overview

Description

MEP10 slip ring union with 1 channel 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	1
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

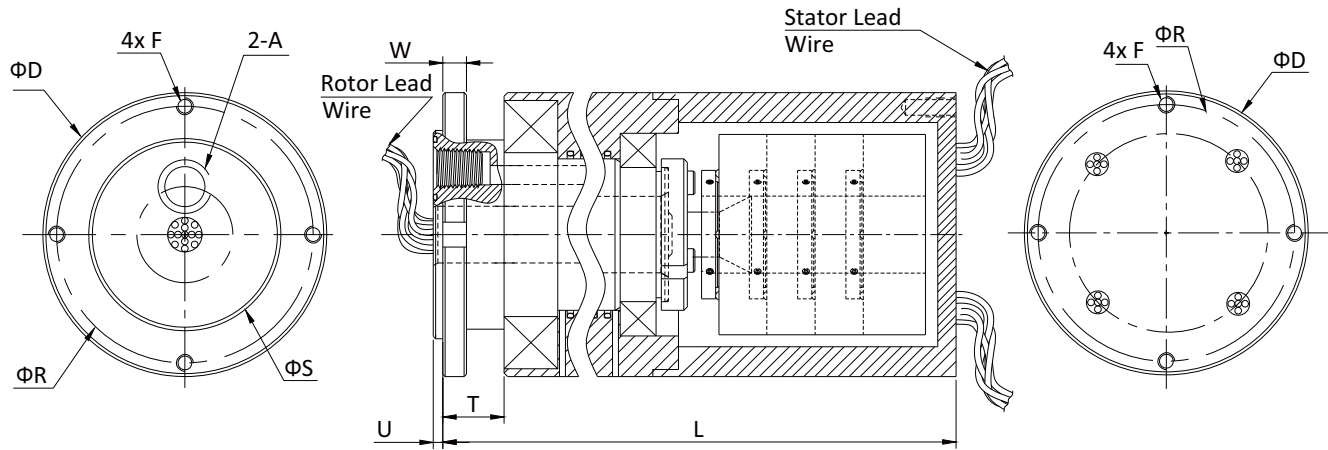
- Mounting flange
- Connection Size
- Direction of lead wire exits
- Longer lead lengths are available
- IP65,IP68 Optional

INTRODUCE

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MEP10 Series Dimensions



Notes:

1. Drawings not actual size, dimensions are in millimeters

Part#	A(BSPP/NPT)	ΦD	ΦR	ΦS	U	W	T	F
MEP100	M5	64	54	40	2	5	19.5	M6
MEP103	1/8"	64	54	42	2	5	21.5	M6
MEP102	1/4"	69	59	49	2	5	21.5	M6
MEP103	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)
MEP100-S06	M5	6	91.2	MEP102-S18	1/4"	18	115.2
MEP101-S06	1/8"	6	95.2	MEP103-S18	3/8"	18	127.4
MEP102-S06	1/4"	6	98.2	MEP100-S24	M5	24	116.2
MEP103-S06	3/8"	6	110.4	MEP101-S24	1/8"	24	120.2
MEP100-S12	M5	12	99.2	MEP102-S24	1/4"	24	123.2
MEP101-S12	1/8"	12	103.2	MEP103-S24	3/8"	24	135.2
MEP102-S12	1/4"	12	106.2	MEP100-S36	M5	36	131.2
MEP103-S12	3/8"	12	118.4	MEP101-S36	1/8"	36	135.2
MEP100-S18	M5	18	108.2	MEP102-S36	1/4"	36	138.2
MEP101-S18	1/8"	18	112.2	MEP103-S36	3/8"	36	150.2

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-101-S12

MEP:

Pneumatic / Hydraulic + Signal / Power

101:

1 --1 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-101-S12 --1 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.