

## MEP40 Series Overview

### Description

MEP40 slip ring union with 4 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	4
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

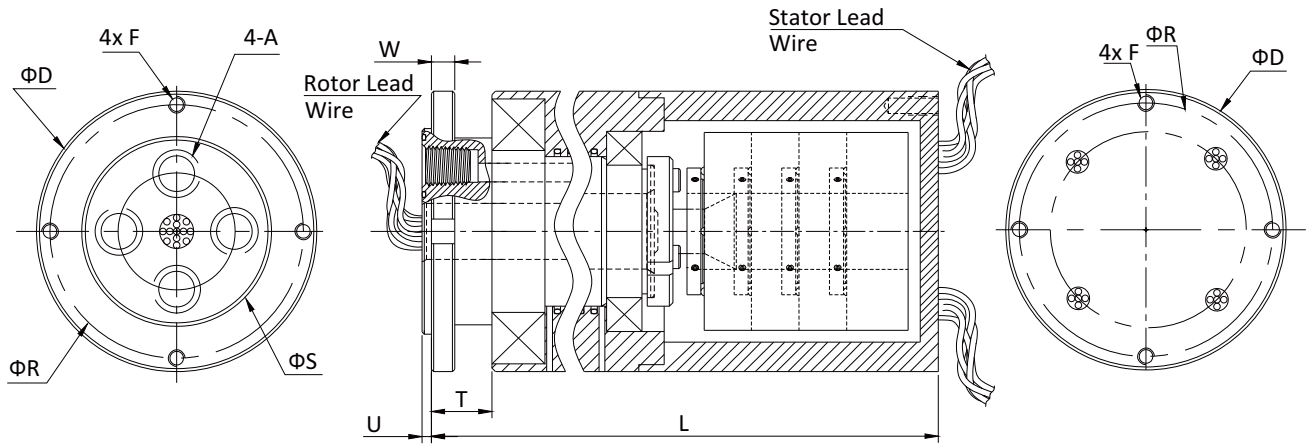
- Mounting flange
- Connection Size
- Direction of lead wire exits
- Longer lead lengths are available
- IP65,IP68 Optional

## INTRODUCE

## MEP40

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## MEP40 Series Dimensions

**Notes:**

1. Drawings not actual size, dimensions are in millimeters

Part#	A(BSPP/NPT)	ΦD	ΦR	ΦS	U	W	T	F
MEP400	M5	64	54	40	2	5	19.5	M6
MEP401	1/8"	64	54	42	2	5.9	22	M6
MEP402	1/4"	69	59	48	2	5.9	23.5	M6
MEP403	3/8"	82	70	58	2	7.9	27.5	M8

## Part# List

Model#	Pneumatic	Signal(2A)	Length(mm)	Model#	Pneumatic	Signal(2A)	Length(mm)
MEP400-S06	M5	6	124.9	MEP402-S18	1/4"	18	155.9
MEP401-S06	1/8"	6	130.9	MEP403-S18	3/8"	18	178.5
MEP402-S06	1/4"	6	138.9	MEP400-S24	M5	24	148.9
MEP403-S06	3/8"	6	161.5	MEP401-S24	1/8"	24	154.9
MEP400-S12	M5	12	132.9	MEP402-S24	1/4"	24	162.9
MEP401-S12	1/8"	12	138.9	MEP403-S24	3/8"	24	185.5
MEP402-S12	1/4"	12	146.9	MEP400-S36	M5	36	163.9
MEP403-S12	3/8"	12	169.5	MEP401-S36	1/8"	36	169.9
MEP400-S18	M5	18	141.9	MEP402-S36	1/4"	36	177.9
MEP401-S18	1/8"	18	147.9	MEP403-S36	3/8"	36	200.5

**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.