

## MEP80 Series Overview

### Description

MEP80 slip ring union with 8 channel gas that can combine with signal and power cable in continuous rotating system, and the signal circuits can 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	8
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

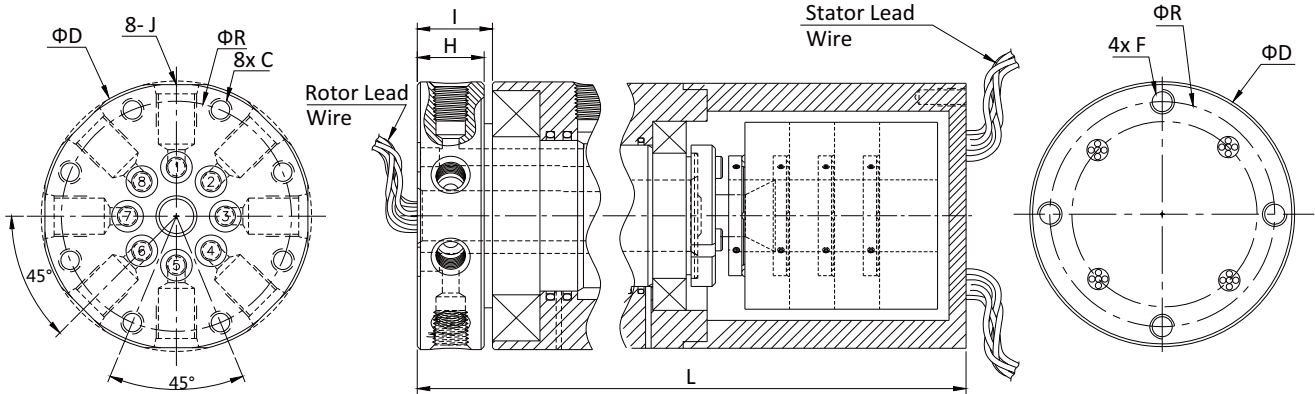
- Mounting flange
- Connection Size
- Direction of lead wire exits
- Longer lead lengths are available
- IP65,IP68 Optional

# INTRODUCE

## MEP80

2

### MEP80 Series Dimensions



#### Notes:

1. Drawings not actual size, dimensions are in millimeters

Part#	J(BSPP/NPT)	$\Phi D$	$\Phi R$	H	I	C
MEP800	M5	64	54	16.5	17.5	M5
MEP801	1/8"	64	54	19.5	20.5	M6
MEP802	1/4"	69	59	22.5	23.5	M6
MEP803	3/8"	79	69	26.5	27.5	M6

### Part# List

Model#	Pneumatic	Signal(2A)	Length(mm)	Model#	Pneumatic	Signal(2A)	Length(mm)
MEP800-S06	M5	6	166.9	MEP802-S18	1/4"	18	206.9
MEP801-S06	1/8"	6	177.9	MEP803-S18	3/8"	18	234.9
MEP802-S06	1/4"	6	189.9	MEP800-S24	M5	24	191.9
MEP803-S06	3/8"	6	217.9	MEP801-S24	1/8"	24	202.9
MEP800-S12	M5	12	174.9	MEP802-S24	1/4"	24	214.9
MEP801-S12	1/8"	12	185.9	MEP803-S24	3/8"	24	242.9
MEP802-S12	1/4"	12	197.9	MEP800-S36	M5	36	206.9
MEP803-S12	3/8"	12	225.9	MEP801-S36	1/8"	36	217.9
MEP800-S18	M5	18	183.9	MEP802-S36	1/4"	36	229.9
MEP801-S18	1/8"	18	194.9	MEP803-S36	3/8"	36	257.9

**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.