

MEP60 Series Overview

Description

MEP60 slip ring union with 6 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	6
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

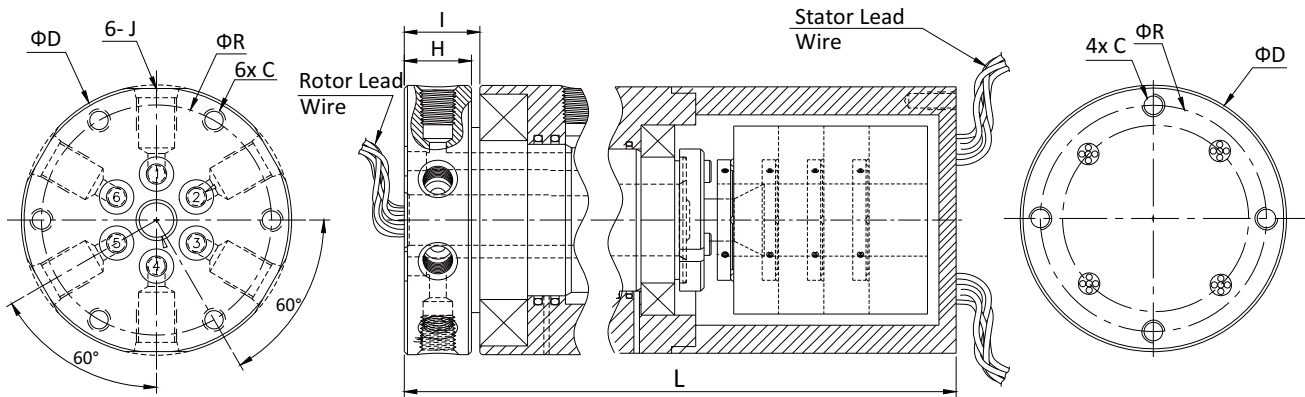
- Mounting flange
- Connection Size
- Direction of lead wire exits
- Longer lead lengths are available
- IP65,IP68 Optional

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MEP60 Series Dimensions



Notes:

1. Drawings not actual size, dimensions are in millimeters

Part#	J(BSPP/NPT)	ΦD	ΦR	H	I	C
MEP600	M5	64	54	15.5	16.5	M5
MEP601	1/8"	64	54	19.5	20.5	M6
MEP602	1/4"	64.5	54.5	22.5	23.5	M6
MEP603	3/8"	74	64	26.5	27.5	M6

Part# List

Model#	Pneumatic	Signal(2A)	Length(mm)	Model#	Pneumatic	Signal(2A)	Length(mm)
MEP600-S06	M5	6	145.4	MEP602-S18	1/4"	18	181.4
MEP601-S06	1/8"	6	155.4	MEP603-S18	3/8"	18	195.4
MEP602-S06	1/4"	6	164.4	MEP600-S24	M5	24	170.4
MEP603-S06	3/8"	6	178.4	MEP601-S24	1/8"	24	180.4
MEP600-S12	M5	12	153.4	MEP602-S24	1/4"	24	189.4
MEP601-S12	1/8"	12	163.4	MEP603-S24	3/8"	24	203.4
MEP602-S12	1/4"	12	172.4	MEP600-S36	M5	36	185.4
MEP603-S12	3/8"	12	186.4	MEP601-S36	1/8"	36	195.4
MEP600-S18	M5	18	162.4	MEP602-S36	1/4"	36	204.4
MEP601-S18	1/8"	18	172.4	MEP603-S36	3/8"	36	218.4

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.