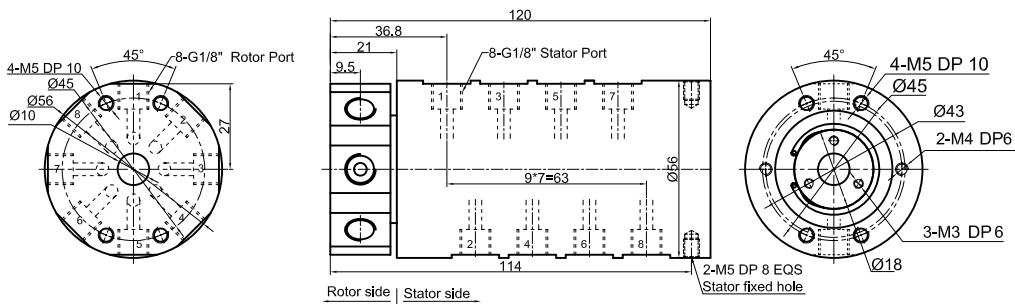


MK81(8 passages Pneumatic Rotary Union--Can combine electric wires)



Mk81 series is 8 passages Pneumatic Rotary Union(Can combine electric wires), with connection size G1/8", compact size, light weight, low torque, Also optional for transmitting power line, signal line, industrial bus, control line, Electromagnetic valve, induction line, etc.; Standard installation is flange mounting.
Media Types: compressed Air/Gas, vacuum, etc.

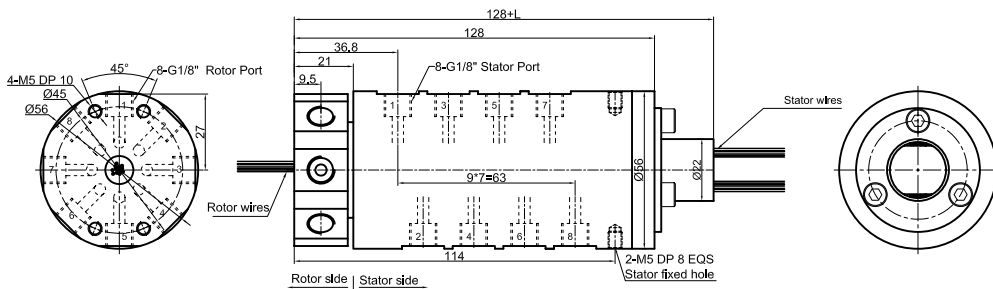
MK81 (rotary union only for pneumatic) drawing (8 in 8 out, connection size G1/8")



Part list

| Model | Passages | Connection Size | Adaptive tube |
|-------|----------|-----------------|---------------|
| MK81 | 8 | G1/8" | 6~8mm |

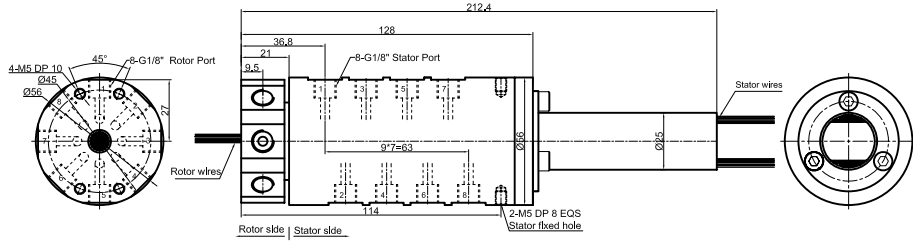
MK81S-S12 drawing 8 in 8 out, connection size G1/8" + 12~36 wires x signal(2A)



Part list

| Model | Passages | Connection Size | Adaptive tube | Signal(2A) | L(mm) |
|-----------|----------|-----------------|---------------|------------|-------|
| MK81S-S12 | 8 | G1/8" | 6~8mm | 12 | 22.5 |
| MK81S-S18 | 8 | G1/8" | 6~8mm | 18 | 29.5 |
| MK81S-S24 | 8 | G1/8" | 6~8mm | 24 | 40.1 |
| MK81S-S36 | 8 | G1/8" | 6~8mm | 36 | 53.8 |

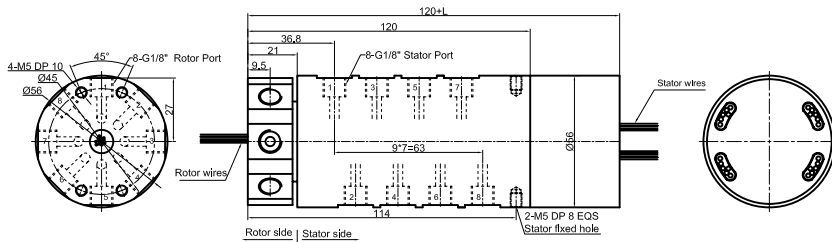
MK81S-S56 drawing 8 in 8 out, connection size G1/8"



Part list

| Model | Passages | Connection Size | Adaptive tube | Signal(2A) |
|-----------|----------|-----------------|---------------|------------|
| MK81S-S56 | 8 | G1/8" | 6~8mm | 56 |

MK81-PXX-SXX drawing 8 in 8 out, connection size G1/8" + signal(5A)/10A



Part list

| Model | Passages | Connection Size | Adaptive tube | 10A | Signal(5A) | L(mm) |
|----------------|----------|-----------------|---------------|-----|------------|-------|
| MK21-P0610 | 8 | G1/8" | 6~8mm | 6 | 0 | 38 |
| MK21-S06 | 8 | G1/8" | 6~8mm | 0 | 6 | 38 |
| MK21-P1210 | 8 | G1/8" | 6~8mm | 12 | 0 | 54.8 |
| MK21-P0610-S06 | 8 | G1/8" | 6~8mm | 6 | 6 | 54.8 |
| MK21-S12 | 8 | G1/8" | 6~8mm | 0 | 12 | 54.8 |
| MK21-P1810 | 8 | G1/8" | 6~8mm | 18 | 0 | 71.5 |
| MK21-P0610-S12 | 8 | G1/8" | 6~8mm | 6 | 12 | 71.5 |
| MK21-P1210-S06 | 8 | G1/8" | 6~8mm | 12 | 6 | 71.5 |
| MK21-S18 | 8 | G1/8" | 6~8mm | 0 | 18 | 71.5 |
| MK21-S24 | 8 | G1/8" | 6~8mm | 0 | 24 | 88.4 |
| MK21-P0610-S18 | 8 | G1/8" | 6~8mm | 6 | 18 | 88.4 |
| MK21-S30 | 8 | G1/8" | 6~8mm | 0 | 30 | 105.2 |
| MK21-S36 | 8 | G1/8" | 6~8mm | 0 | 36 | 125 |

Note:10A and signal(5A) can be freely combined, please contact customer service for details.

Specifications

| Rotary Union Specifications | | | Mechanical data | |
|-----------------------------|--|------------------|----------------------|----------------------|
| Parameter | Value | | Parameter | Value |
| Passage | 8 in 8 out, G1/8" | | Working life | Over 10 Million Revs |
| Max Pressure | 1MPa(high pressure can be customized), Vacuum 0.01torr | | Rated Rotating Speed | 500RPM |
| Torque | Related to the connection size, please see the product selection table | | Working Temperature | -30°C~80°C |
| Electrical Data | | | Operating Humidity | 0~85% RH |
| Parameter | Value | | Contact Material | Precious Metal |
| | Power | Signal | Housing Material | Aluminium Alloy |
| Rated Voltage | 0~240VAC/VDC | 0~240VAC/VDC | Protection Grade | IP51 |
| Insulation Resistance | ≥500MΩ/500VDC | ≥500MΩ/500VDC | | |
| Lead Wires | AWG17#Teflon/PVC | AWG22#Teflon/PVC | | |
| Lead Length | Standard 300mm(adjustable on request) | | | |
| Dielectric Strength | 500VAC@50Hz, 60s | | | |
| Electrical Noise | <0.01Ω | | | |