


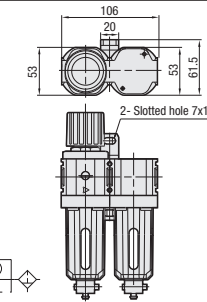
Conditioning Equipments / Pressure Gauge

Regulators with Pressure Gauge + Filters



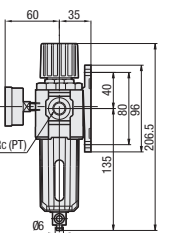
RoHS 10

MSFRAF
Regulators with Filter (5µm)
+
Air Filter (0.3µm)

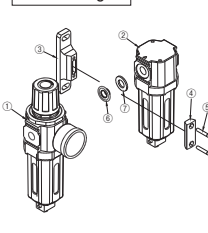


JIS Symbol

**Accessory: Pressure Gauge 1 pc.
Bracket 1 pc.**



Structure Diagram



Part Number Type	No.	Rc (PT)	Nomi. Filtration Rating (µm)	Operating Pressure MPa	Pressure Setting Range MPa	Pressure Resistance MPa	Ambient Temperature Range (°C)	Applicable Fluid	Mass (g)	Unit Price 1 ~ 4 pc(s).
MSFRAF	8A 10A	1/4 3/8	5+0.3	0.05~1.0	0.05~0.85	1.5	5~60	Air	780	

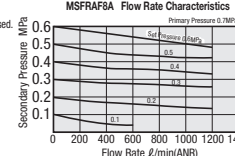
Characteristic Data
This graph shows that when the primary pressure is constant at 0.7 MPa, the secondary set pressure drops according to the flow rate used.

Component List

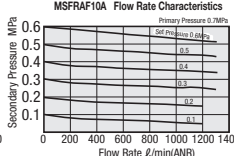
No.	Name	Material
(1)	Regulators with Filter	MSFR
(2)	Air Filters	MSAF 0.3µm
(3)	Bracket	ADC12
(4)	Attachment	ADC12
(5)	Hex Socket Head Cap Screw	SCM435
(6)	#1 Gasket	NBR
(7)	#2 Gasket	NBR

⚠ The drain valve automatically drains when the pressure becomes 0.05 MPa or less.

MSFRAF8A Flow Rate Characteristics




MSFRAF10A Flow Rate Characteristics



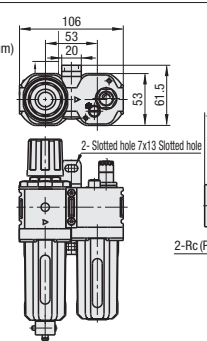
⚠ For orders larger than indicated quantity, please check with WOS.

Regulators with Filter + Lubricator



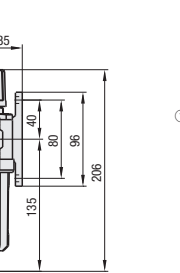
RoHS 10

MSFRRR
Regulators with Filter (5µm)
+
Lubricator

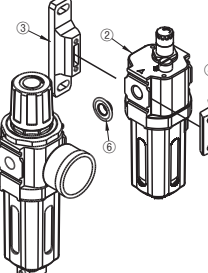


JIS Symbol

**Accessory: Pressure Gauge 1 pc.
Bracket 1 pc.**



Structure Diagram



Part Number Type	No.	Rc (PT)	Nomi. Filtration Rating (µm)	Operating Pressure MPa	Pressure Setting Range MPa	Pressure Resistance MPa	Oil Capacity (cm ³)	Min. Dripping Flow Rate (µ/min)	Recommended Oil	Ambient Temperature Range (°C)	Applicable Fluid	Mass (g)	Unit Price 1 ~ 4 pc(s).
MSFRRR	8A 10A	1/4 3/8	5	0.05~1.0	0.05~0.85	1.5	55	50 60	Turbine Oil 1 Type (ISO VG32)	5~60	Air	780	

⚠ Min. Dripping Flow Rate shows the flow rate when the primary pressure is at 0.5 MPa. (ANR)

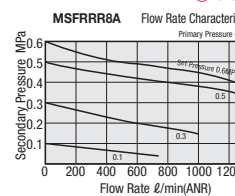
Characteristic Data
This graph shows that when the primary pressure is constant at 0.7 MPa, the secondary set pressure drops according to the flow rate used.

Component List

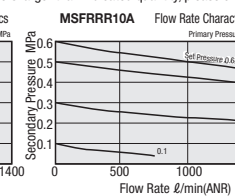
No.	Name	Material
(1)	Regulators with Filter	MSFR
(2)	Lubricator	MSRR
(3)	Bracket	ADC12
(4)	Attachment	ADC12
(5)	Hex Socket Head Cap Screw	SCM435
(6)	Gasket	NBR

⚠ The drain valve automatically drains when the pressure becomes 0.05 MPa or less.

MSFRRR8A Flow Rate Characteristics



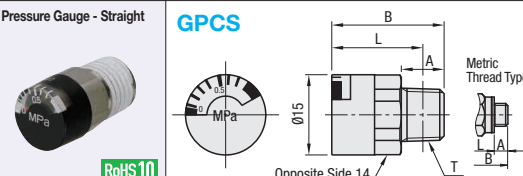
MSFRRR10A Flow Rate Characteristics



⚠ For orders larger than indicated quantity, please check with WOS.

Pressure Gauge - Straight

GPCS

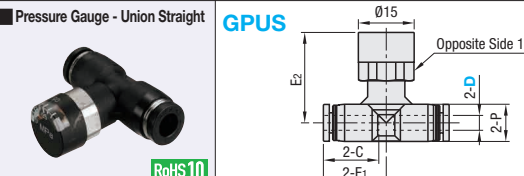


RoHS 10

Part Number Type	No.	T	A	B	L	Mass (g)	Unit Price (Volume Discount Rate 1~9 pcs)	10~20
GPCS	1	R1/8	8	21	17	8		
	2	R1/4	11	24	18	16.5		
	5	M5x0.8	3	16.5	13.5	6		

Pressure Gauge - Union Straight

GPUS



RoHS 10

Part Number Type	No.	P	C	E1	E2	Mass (g)	Unit Price (Volume Discount Rate 1~9 pcs)	10~20
GPUS	4	10	15	17	24.5	12.5		
	6	13	17	20	26	15.5		
	8	15	18.5	22	28	20		

Specifications

Applicable Fluid	Air
Indicated Pressure Range	0~0.8MPa
Accuracy	±5% (Full Scale *)
Operating Temp. Range	0 ~ 60°C
Scale Angle	150°
Cap	Acrylic
Material Metal Body	Brass (Nickel Plating)
Resin Body	PBT

*Displayed position differences when the displayed pressure has suddenly changed from 0 to Max. value of 0.8MPa.

• GPUS can be changed in direction using the hexagonal part of its body.

Ordering Example

Part Number **MSFRAF8A**

Part Number **GPCS2**