

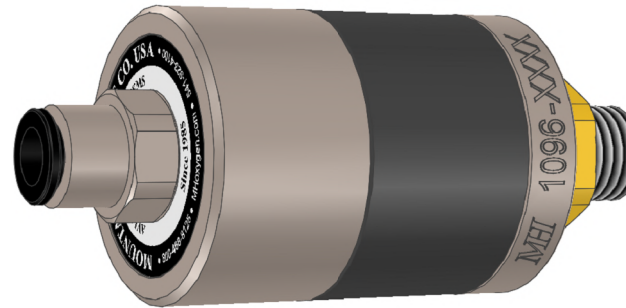
1

2

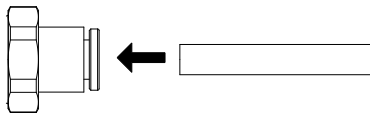
3

4

REV	ECO	Release	Drawn	REVISION HISTORY
-2	2019-001	2019-01-10	SGO	Product Insert Drawing

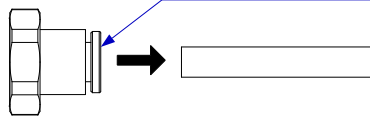


### TUBING CONNECTION



#### INSERTING

Push in the tubing



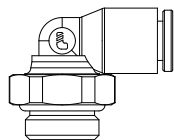
#### REMOVING

1. Push in the connector collar
2. Pull the tube straight back while holding the collar in

**To INSERT TUBING:** push the tubing into the connector until resistance is felt, then push a little further, about 1/8 inch [3 mm]. Gently tug on the tubing to make sure it is captured.

**To REMOVE TUBING:** push the tubing in slightly, then push in the connector collar while pulling gently on the tubing.

When removing tubing, ***DO NOT pull on the tubing without pushing in the collar***, as this will likely damage the connector.



**Note:** Alternate outlet fitting provided.

- Replace installed fitting as preferred.
- Maintain cleanliness for oxygen service.
- Torque to 20 in-lbs.
- No Teflon tape required.

### GENERAL SPECIFICATIONS

Material: UNS C36000 (CDA-360) Brass  
UNS A96061 (6061-T6) Aluminum

Inlet Pressure Rating: 3000 PSI MAX  
Regulated Outlet: 16 ± 2 PSI (Dynamic) (NOM 1 Bar)  
20 ± 2 PSI (Static)

Average Flow Rate: 40 L/min (AVG)  
Temperature Range: -50°F to +130°F [-45°C to +55°C]

Inlet Fitting: SAE-4M  
Replacement O-ring: MH p/n 09001-3904-70 (SAE-4)

	Outlet Fitting	Weight
<b>1096-04:</b>	G-1/8 BSPP x 4mm Tube	3.1 oz [88 g]
<b>1096-06:</b>	G-1/8 BSPP x 6mm Tube	3.1 oz [88 g]

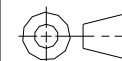
See also: MH document 5SREG-1096-0x

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
0.X ±0.015  
0.XX ±0.010  
0.XXX ±0.005

ANGLES ± 3°  
FRACTIONS ± 1/64

INTERPRET GD&T PER ASME 14.5

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

DRAWN SGO  
2018-09-25

CHECKED

ENGINEER

APPROVED

**MH**

**MOUNTAIN HIGH E&S CO.  
REDMOND, OR. USA**

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DWG TITLE

**Regulator, 2-Stage Axial, No Gauge,  
SAE-4M x Tube Outlet [Insert]**

DWG NUMBER

**5IREG-1096-0x**

DWG REV. **-2**

CAD FILE

00REG-1092'1096-xx\$-2

DWG FORMAT:  
ESR-002 Rev H [20]

DWG SCALE

DWG SHEET

1 OF 1

DWG SIZE **A**  
11x8½

1

2

3

Insert #: 5IREG-1096-0x