

## SFC5500 Mass Flow Controller

### Application Note – Fittings

## 1 Exchangeable fittings

SFC5500 is fitted with a universal G ¼” flange, which allows for easy exchange of gas connectors. While Legris connectors are mounted by default, the user can purchase any connectors compatible with G ¼” thread and mount them on SFC5500 themselves. To do so, simply unscrew the fitted Legris connectors with a spanner and mount the new ones.



## 2 Compatible fittings

The table below shows an example of fittings compatible with SFC5500. Please note that the list is not exhaustive and only selected manufacturers of fittings are included.

|                                                                                                                                                                                                                                                                                                                            |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>Legris: 3101 series</b><br><i>Series 3133 and 3199 also compatible</i>                                                                                                                                                                                                                                                  |               |
| 4 mm / 5/32"                                                                                                                                                                                                                                                                                                               | 3101 04 13    |
| 6 mm                                                                                                                                                                                                                                                                                                                       | 3101 06 13    |
| 8 mm / 5/16"                                                                                                                                                                                                                                                                                                               | 3101 08 13    |
| 10 mm                                                                                                                                                                                                                                                                                                                      | 3101 10 13    |
| 12 mm                                                                                                                                                                                                                                                                                                                      | 3101 12 13    |
| <b>Swagelok: SS-x-1-4RS series</b><br>Important: Stainless Steel Gasket SS-4-RSD-2V is also required and needs to be ordered separately.<br><br><i>Multiple other versions also compatible: e.g. 90° elbow, Tees etc.</i><br>→ for details please check: <a href="https://www.swagelok.com/">https://www.swagelok.com/</a> |               |
| 3 mm                                                                                                                                                                                                                                                                                                                       | SS-3MO-1-4RS  |
| 6 mm                                                                                                                                                                                                                                                                                                                       | SS-6MO-1-4RS  |
| 8 mm                                                                                                                                                                                                                                                                                                                       | SS-8MO-1-4RS  |
| 10 mm                                                                                                                                                                                                                                                                                                                      | SS-10MO-1-4RS |
| 12 mm                                                                                                                                                                                                                                                                                                                      | SS-12MO-1-4RS |
| 1/8"                                                                                                                                                                                                                                                                                                                       | SS-200-1-4RS  |
| 1/4"                                                                                                                                                                                                                                                                                                                       | SS-400-1-4RS  |
| 3/8"                                                                                                                                                                                                                                                                                                                       | SS-600-1-4RS  |
| 1/2"                                                                                                                                                                                                                                                                                                                       | SS-810-1-4RS  |

| <b>Festo: QS G 1/4" series</b>             |                     |
|--------------------------------------------|---------------------|
| <i>Series QSL and QSLL also compatible</i> |                     |
| 6 mm                                       | QS-G1/4-6 (186097)  |
| 8 mm                                       | QS-G1/4-8 (186099)  |
| 10 mm                                      | QS-G1/4-10 (186101) |
| 12 mm                                      | QS-G1/4-12 (186350) |
| <b>Serto: SO 1/4" series</b>               |                     |
| 4 mm                                       | SO 51124-4-1/4 OR   |
| 6 mm                                       | SO 51124-6-1/4 OR   |
| 8 mm                                       | SO 51124-8-1/4 OR   |
| 10 mm                                      | SO 51124-10-1/4 OR  |