



Flow Controls Plug-In

B

| MATERIALS OF CONSTRUCTION | |
|---------------------------|----------------------------|
| BODY: | GLASS REINFORCED NYLON 6.6 |
| GRIPPING RING: | STAINLESS STEEL |
| ADJUSTMENT SCREWS: | NICKEL-PLATED BRASS |
| LOCKING NUT: | NICKEL-PLATED BRASS |
| TAILPIECE: | NICKEL-PLATED BRASS |

| NOMENCLATURE | |
|---------------------|-----------------|
| EXAMPLE: FCM731-4-2 | ATTRIBUTE: |
| FC | FLOW CONTROL |
| M | MINIATURE |
| 7 | RIGHT ANGLE |
| 3 | NYLON BODY |
| 1 | TUBE X PIPE |
| 4 | 1/4 TUBE O.D. |
| 2 | 1/8 PIPE THREAD |

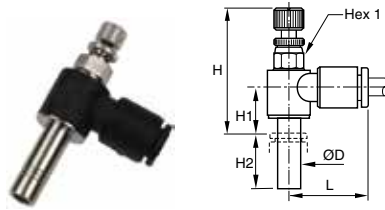
| APPLICABLE TUBE | |
|-----------------|-----------------|
| TUBE O.D. | 1/8, 5/32, 1/4 |
| TUBE O.D. (MM) | 4, 6, 8, 10, 12 |

| SPECIFICATIONS | |
|---------------------|----------------|
| PRESSURE RANGE: | 15 TO 145 PSI |
| TEMPERATURE RANGES: | 30° TO 160°F |
| WORKING FLUID: | COMPRESSED AIR |



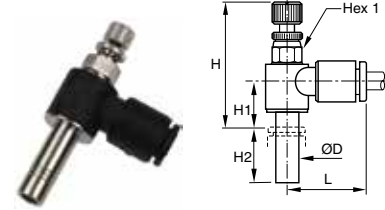
Plug-in flow control regulators can be directly mounted into existing fittings and allow very compact installations. They are particularly suited for mounting in manifolds using cartridges. Their design and function give equal performance to that of flow control regulators with threaded connections.

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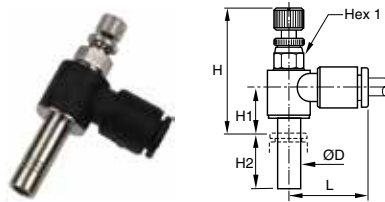
FCMSP731 Plug-In Mini Flow Control

| PART NO. | TUBE SIZE (IN) | HEX 1 MM | H OPEN | H CLOSED | H1 | H2 | L |
|---------------|----------------|----------|--------|----------|------|------|------|
| FCMSP731-2 | 1/8 | 6 | 1.04 | 0.94 | 0.12 | 0.59 | 0.67 |
| FCMSP731-5/32 | 5/32 | 6 | 1.10 | 1.00 | 0.37 | 0.61 | 0.67 |
| FCMSP731-4 | 1/4 | 7 | 1.18 | 1.08 | 0.12 | 0.73 | 0.73 |



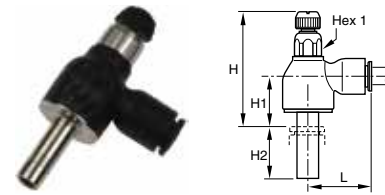
FCMSP731 Plug-In Mini Meter In Flow Control

| PART NO. | TUBE SIZE (MM) | HEX 1 | H CLOSED | H OPEN | H1 | H2 | L |
|-------------|----------------|-------|----------|--------|------|------|------|
| FCMSP731-4M | 4 | 6 | 25.5 | 28.0 | 9.5 | 15.5 | 17.0 |
| FCMSP731-6M | 6 | 7 | 27.5 | 29.0 | 10.5 | 17.0 | 18.5 |



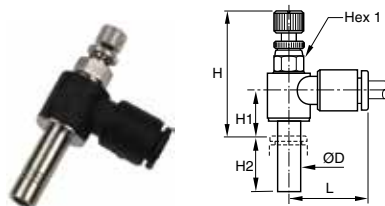
FCMSP731 Plug-In Mini Meter In Flow Control

| PART NO. | TUBE SIZE (IN) | HEX 1 MM | H OPEN | H CLOSED | H1 | H2 | L |
|---------------|----------------|----------|--------|----------|------|------|------|
| FCMSP731-2 | 1/8 | 6 | 1.04 | 0.94 | 0.12 | 0.59 | 0.67 |
| FCMSP731-5/32 | 5/32 | 6 | 1.10 | 1.00 | 0.37 | 0.61 | 0.67 |
| FCMSP731-4 | 1/4 | 7 | 1.18 | 1.08 | 0.12 | 0.73 | 0.73 |



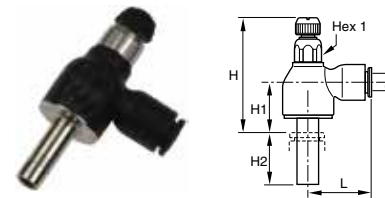
FCCSP731 Plug-In Compact Flow Control

| PART NO. | TUBE SIZE (MM) | HEX 1 | H CLOSED | H OPEN | H1 | H2 | L |
|--------------|----------------|-------|----------|--------|------|------|------|
| FCCSP731-6M | 6 | 10 | 35.0 | 41.0 | 14.0 | 17.0 | 22.0 |
| FCCSP731-8M | 8 | 14 | 39.5 | 46.5 | 16.0 | 21.5 | 28.0 |
| FCCSP731-10M | 10 | 17 | 43.5 | 51.5 | 17.5 | 24.5 | 31.5 |
| FCCSP731-12M | 12 | 17 | 43.0 | 51.0 | 17.0 | 27.0 | 31.5 |



FCMSP731 - Plug-In Miniature Flow Control

| PART NO. | TUBE SIZE (MM) | HEX 1 | H CLOSED | H OPEN | H1 | H2 | L |
|-------------|----------------|-------|----------|--------|------|------|------|
| FCMSP731-4M | 4 | 6 | 25.5 | 28.0 | 9.5 | 15.5 | 17.0 |
| FCMSP731-6M | 6 | 7 | 27.5 | 29.0 | 10.5 | 17.0 | 18.5 |



FCCSP731 Plug-In Compact Meter-In Flow Control

| PART NO. | TUBE SIZE (MM) | HEX 1 | H CLOSED | H OPEN | H1 | H2 | L |
|--------------|----------------|-------|----------|--------|------|------|------|
| FCCSP731-6M | 6 | 10 | 35.0 | 41.0 | 14.0 | 17.0 | 22.0 |
| FCCSP731-8M | 8 | 14 | 39.5 | 46.5 | 16.0 | 21.5 | 28.0 |
| FCCSP731-10M | 10 | 17 | 43.5 | 51.5 | 17.5 | 24.5 | 31.5 |
| FCCSP731-12M | 12 | 17 | 43.0 | 51.0 | 17.0 | 27.0 | 31.5 |

