



F898

NEWPneumatic Micro-Switch
Probe Off-On-Off

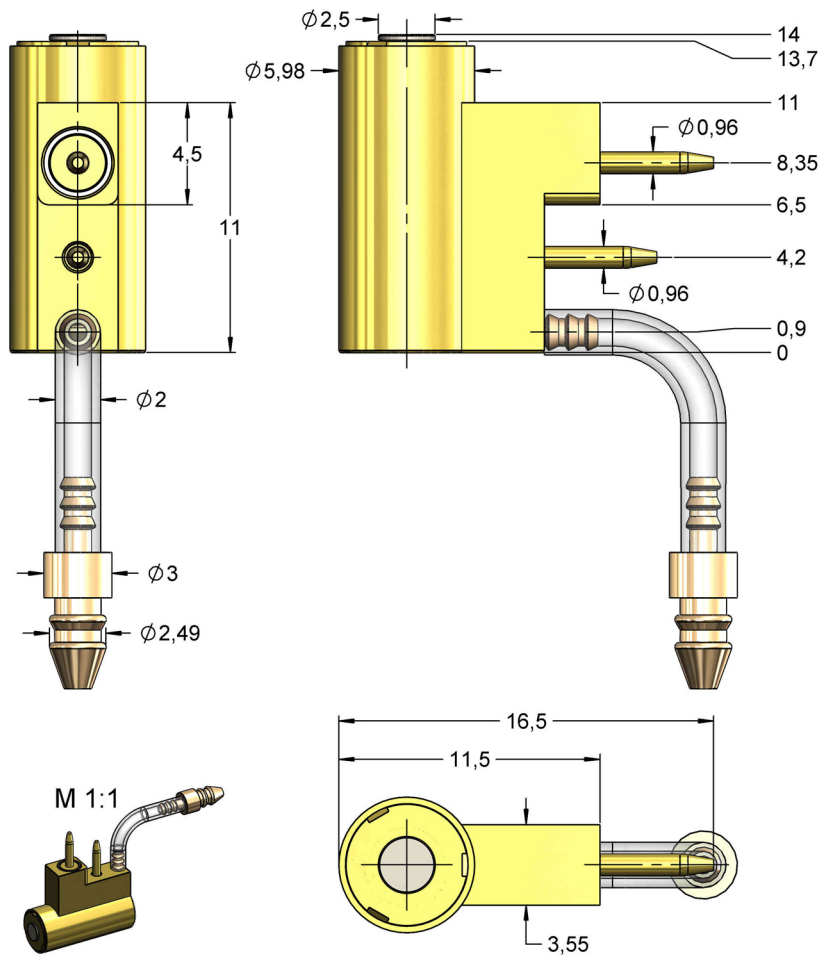
| | |
|------------------|----------------|
| Centers (mm/mil) | 6.50 / 256 |
| Current | 3.0 A |
| Current (Switch) | 1.0 A |
| R typ | 500 mOhm |
| Temperature | -45°C...+100°C |

Mechanical Specifications

| | |
|---|-------------------------------------|
| Operating pressure | 5-7 bar (Change of 130cN/bar) |
| Operating medium | Compressed air (dried, filtered) |
| Allowed leakage rate | 5 cm ³ /min. |
| Contact force at 6bar and nominal travel | 450cN ±20% |
| Switch point 1 (mm) | 3.5 ±0,3 |
| Nominal travel (mm) | 3.7 |
| Switch point 2 (mm) | 4.5 ±0,3 |
| Max. travel (mm) | 4.8 |

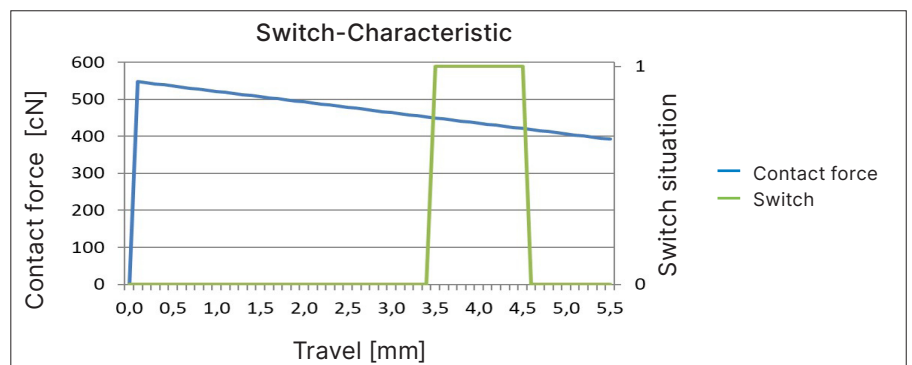
Materials and Plating

| | |
|-------------|-----------------------------|
| Plunger tip | Syntetic, unplated |
| Barrel | Brass, gold plated |
| Spring | Spring steel, silver plated |

**Application and Mounting**

Special solution for a pneumatic presence test at limited space. An integrated switch function allows to detect the exact position of the test item.

For an adjustable position of the F898 in axial direction a lateral setscrew (M2, max. torque 8 cNm) can be used. For a fix and secure position the F898 can be mounted by an axial setscrew (M8).



| Order code | Description | Tip Style | Material | Ø in mm | Plating | Total Length (inactive) | Projection Height (inactive) |
|------------|----------------|--|----------|---------|---------|-------------------------|------------------------------|
| 1126866 | F89817K250U450 | 17  | K | 2,50 | U | 14,00 | 0,30 |