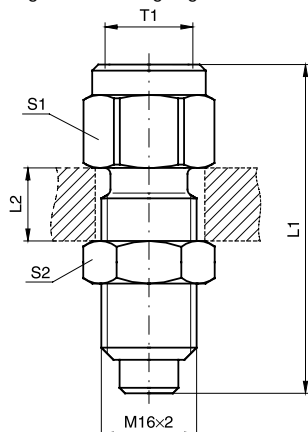


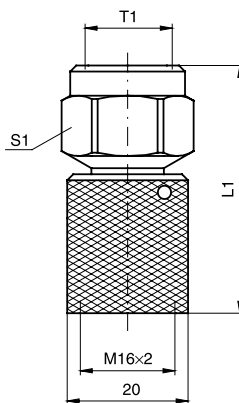
## Parker SensoControl® Test Points

**MAV...MA3** Test point pressure gauge connector with threaded connection M 16×2  
**MAVMD...MA3** Test point with threaded connection M 16×2  
**SMA3** Test point high pressure hose with threaded connection M 16×2 **Series 3**

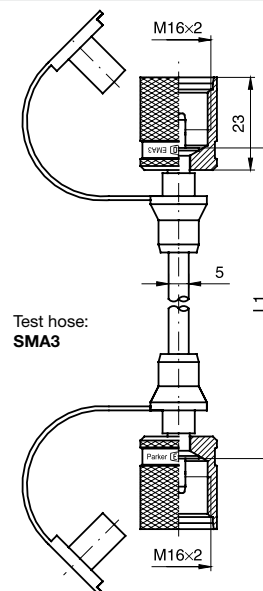
Female thread: BSP  
 Sealing: sealing ring DIN 16258\*



Pressure gauge connector:  
**MAV...MA3**



Gauge-Direct-Connector:  
**MAVMD...MA3**



Test hose:  
**SMA3**

| T1    | L1     | L2 max. | S1 | S2 | Weight<br>g/1 piece | Order code*        | PN (bar) <sup>1)</sup><br>CF | DF** |
|-------|--------|---------|----|----|---------------------|--------------------|------------------------------|------|
| G 1/4 | 54.0   | 12      | 19 | 19 | 74                  | <b>MAV1/4MA3</b>   | 630                          | 4.0  |
| G 1/2 | 64.0   | 12      | 27 | 19 | 129                 | <b>MAV1/2MA3</b>   | 630                          | 4.0  |
| G 1/4 | 41.0   |         | 19 |    | 61                  | <b>MAVMD1/4MA3</b> | 630                          | 4.0  |
| G 1/2 | 51.5   |         | 27 |    | 103                 | <b>MAVMD1/2MA3</b> | 630                          | 4.0  |
|       | 200.0  |         |    |    | 73                  | <b>SMA3-200</b>    | 630                          | 2.5  |
|       | 300.0  |         |    |    | 74                  | <b>SMA3-300</b>    | 630                          | 2.5  |
|       | 400.0  |         |    |    | 74                  | <b>SMA3-400</b>    | 630                          | 2.5  |
|       | 630.0  |         |    |    | 79                  | <b>SMA3-630</b>    | 630                          | 2.5  |
|       | 800.0  |         |    |    | 83                  | <b>SMA3-800</b>    | 630                          | 2.5  |
|       | 1000.0 |         |    |    | 87                  | <b>SMA3-1000</b>   | 630                          | 2.5  |
|       | 1500.0 |         |    |    | 95                  | <b>SMA3-1500</b>   | 630                          | 2.5  |
|       | 2000.0 |         |    |    | 105                 | <b>SMA3-2000</b>   | 630                          | 2.5  |
|       | 2500.0 |         |    |    | 110                 | <b>SMA3-2500</b>   | 630                          | 2.5  |
|       | 3200.0 |         |    |    | 125                 | <b>SMA3-3200</b>   | 630                          | 2.5  |
|       | 4000.0 |         |    |    | 137                 | <b>SMA3-4000</b>   | 630                          | 2.5  |

\*\*DF = Design Factor

<sup>1)</sup>Pressure shown = item deliverable

PN (bar)  
 10 = PN (MPa)

\*Please add the **suffixes**  
 below according to the material/  
 surface required.

| Order code suffixes                |                                   |             |                                                               |
|------------------------------------|-----------------------------------|-------------|---------------------------------------------------------------|
| Material                           | Suffix<br>surface<br>and material | Example     | Standard sealing<br>material (no additional<br>suffix needed) |
| Steel, zinc plated,<br>Cr(VI)-free | CF                                | MAV1/4MA3CF | NBR                                                           |

\* Sealing rings according to DIN 16258 for steel design of copper,  
 for stainless steel design of stainless steel.

### Note hoses with small diameter:

- Min. bending radius r = 20 mm
- Working temperature –20 °C up to 100 °C (short time to +120 °C)
- Hoses are to be protected from fire, from sharp-corners and hot objects.

For measuring with liquid pressure media please note:

Bleed before connecting tube! By capillary action discharge of the pressure medium is prevented widely.

Temperature factor of pressure rating:

|       |        |       |
|-------|--------|-------|
| up to | 0 °C   | 122 % |
| for   | 30 °C  | 110 % |
| for   | 50 °C  | 100 % |
| for   | 80 °C  | 86 %  |
| for   | 100 °C | 77 %  |

