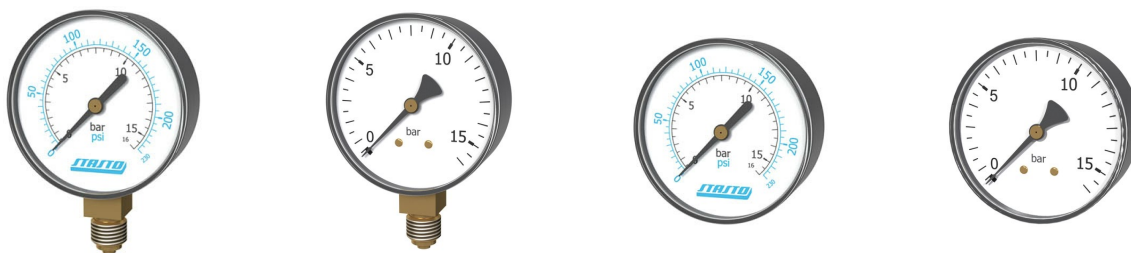
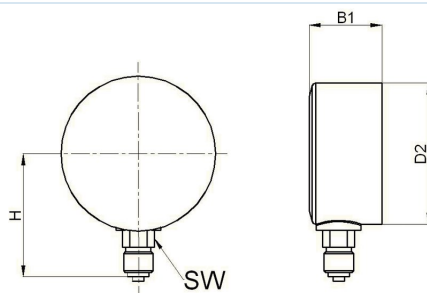


## Standardmanometer



|                     |                                                                                                                                      |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Bauart              | Rohrfedermanometer in Standardausführung nach EN 837-1                                                                               |
| Nenngrösse          | Durchmesser 40mm, 50mm und 63mm                                                                                                      |
| Genauigkeit         | Klasse 1,6                                                                                                                           |
| Mediumstemperatur   | max. +60°C                                                                                                                           |
| Umgebungstemperatur | -20...+60°C                                                                                                                          |
| Temperatureinfluss  | ±0,4%/10K vom Skalenendwert bei Abweichung von der Normaltemperatur 20°C                                                             |
| Schutzart           | IP32 nach EN60529                                                                                                                    |
| Werkstoff           | Gehäuse Stahlblech schwarz<br>Druckanschluss Messing<br>Messglied und Zeigerwerk Kupferlegierung<br>Sichtscheibe Kunststoff glasklar |
| Verwendungsbereiche | Ruhebelastung 3/4 x Skalenendwert<br>Wechselbelastung 2/3 x Skalenendwert<br>kurzzeitig Skalenendwert                                |
| Anwendung           | Für gasförmige und flüssige, nicht hochviskose und nicht kristallisierende Messstoffe, welche Kupferlegierungen nicht angreifen      |

### Abmessungen



| Durchmesser<br>[mm] | Gewinde<br>G | B1 | D2 | H  | SW | Gewicht<br>[ca. kg] |
|---------------------|--------------|----|----|----|----|---------------------|
| 40                  | 1/8"         | 22 | 41 | 37 | 11 | 0,06                |
| 50                  | 1/4"         | 28 | 49 | 46 | 14 | 0,09                |
| 63                  | 1/4"         | 30 | 62 | 54 | 14 | 0,14                |



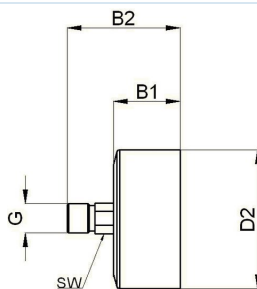
| Durchmesser<br>[mm] | Anzeigebereich | Einheit | Typ            |
|---------------------|----------------|---------|----------------|
| 40                  | -1/0           | bar     | MA001-40B-V    |
| 40                  | 0-1,6          | bar     | MA001-40B-1,6  |
| 40                  | 0-2,5          | bar     | MA001-40B-2,5  |
| 40                  | 0-4            | bar     | MA001-40B-4    |
| 40                  | 0-6            | bar     | MA001-40B-6    |
| 40                  | 0-10 / 0-145   | bar/psi | MA001-40B-10-D |
| 40                  | 0-16           | bar     | MA001-40B-16   |
| 40                  | 0-25           | bar     | MA001-40B-25   |
| 40                  | 0-40           | bar     | MA001-40B-40   |
| 40                  | 0-60           | bar     | MA001-40B-60   |

| Durchmesser<br>[mm] | Anzeigebereich | Einheit | Typ            |
|---------------------|----------------|---------|----------------|
| 50                  | -1/0           | bar     | MA001-50B-V    |
| 50                  | 0-1            | bar     | MA001-50B-1    |
| 50                  | 0-1,6          | bar     | MA001-50B-1,6  |
| 50                  | 0-2,5          | bar     | MA001-50B-2,5  |
| 50                  | 0-4            | bar     | MA001-50B-4    |
| 50                  | 0-6            | bar     | MA001-50B-6    |
| 50                  | 0-10 / 0-145   | bar/psi | MA001-50B-10-D |
| 50                  | 0-16 / 0-230   | bar/psi | MA001-50B-16-D |
| 50                  | 0-25           | bar     | MA001-50B-25   |
| 50                  | 0-40           | bar     | MA001-50B-40   |
| 50                  | 0-60           | bar     | MA001-50B-60   |
| 50                  | 0-100          | bar     | MA001-50B-100  |
| 50                  | 0-160          | bar     | MA001-50B-160  |

| Durchmesser<br>[mm] | Anzeigebereich | Einheit | Typ            |
|---------------------|----------------|---------|----------------|
| 63                  | -1/0           | bar     | MA001-63B-V    |
| 63                  | -1/0,6         | bar     | MA001-63B-V0,6 |
| 63                  | -1/1,5         | bar     | MA001-63B-V1,5 |
| 63                  | -1/3           | bar     | MA001-63B-V3   |
| 63                  | -1/5           | bar     | MA001-63B-V5   |
| 63                  | -1/9           | bar     | MA001-63B-V9   |
| 63                  | -1/15          | bar     | MA001-63B-V15  |
| 63                  | 0-1            | bar     | MA001-63B-1    |
| 63                  | 0-1,6          | bar     | MA001-63B-1,6  |
| 63                  | 0-2,5          | bar     | MA001-63B-2,5  |
| 63                  | 0-4            | bar     | MA001-63B-4    |
| 63                  | 0-6            | bar     | MA001-63B-6    |
| 63                  | 0-10           | bar     | MA001-63B-10   |
| 63                  | 0-16           | bar     | MA001-63B-16   |
| 63                  | 0-25           | bar     | MA001-63B-25   |
| 63                  | 0-40           | bar     | MA001-63B-40   |
| 63                  | 0-60           | bar     | MA001-63B-60   |
| 63                  | 0-100          | bar     | MA001-63B-100  |
| 63                  | 0-160          | bar     | MA001-63B-160  |
| 63                  | 0-250          | bar     | MA001-63B-250  |
| 63                  | 0-400          | bar     | MA001-63B-400  |



## Abmessungen



| Durchmesser [mm] | Gewinde G | B1   | B2   | D2 | SW | Gewicht [ca. kg] |
|------------------|-----------|------|------|----|----|------------------|
| 40               | 1/8"      | 24,5 | 38,5 | 41 | 11 | 0,06             |
| 50               | 1/4"      | 28   | 48   | 49 | 14 | 0,11             |
| 63               | 1/4"      | 30   | 49   | 62 | 14 | 0,14             |

| Durchmesser [mm] | Anzeigebereich | Einheit | Typ             |
|------------------|----------------|---------|-----------------|
| 40               | -1/0           | bar     | MA001-40R-V     |
| 40               | 0-1,6 / 0-23   | bar/psi | MA001-40R-1,6-D |
| 40               | 0-2,5 / 0-35   | bar/psi | MA001-40R-2,5-D |
| 40               | 0-4 / 0-58     | bar/psi | MA001-40R-4-D   |
| 40               | 0-6 / 0-87     | bar/psi | MA001-40R-6-D   |
| 40               | 0-10 / 0-145   | bar/psi | MA001-40R-10-D  |
| 40               | 0-16 / 0-230   | bar/psi | MA001-40R-16-D  |
| 40               | 0-25           | bar     | MA001-40R-25    |
| 40               | 0-40           | bar     | MA001-40R-40    |

| Durchmesser [mm] | Anzeigebereich | Einheit | Typ             |
|------------------|----------------|---------|-----------------|
| 50               | -1/0           | bar     | MA001-50R-V     |
| 50               | 0-1            | bar     | MA001-50R-1     |
| 50               | 0-1,6          | bar     | MA001-50R-1,6   |
| 50               | 0-2,5 / 0-35   | bar/psi | MA001-50R-2,5-D |
| 50               | 0-4 / 0-58     | bar/psi | MA001-50R-4-D   |
| 50               | 0-6            | bar     | MA001-50R-6     |
| 50               | 0-10 / 0-145   | bar/psi | MA001-50R-10-D  |
| 50               | 0-16 / 0-230   | bar/psi | MA001-50R-16-D  |
| 50               | 0-25 / 0-360   | bar/psi | MA001-50R-25-D  |
| 50               | 0-40           | bar     | MA001-50R-40    |
| 50               | 0-60           | bar     | MA001-50R-60    |
| 50               | 0-100          | bar     | MA001-50R-100   |



| Durchmesser<br>[mm] | Anzeigebereich | Einheit | Typ            |
|---------------------|----------------|---------|----------------|
| 63                  | -1/0           | bar     | MA001-63R-V    |
| 63                  | 0-1            | bar     | MA001-63R-1    |
| 63                  | 0-1,6          | bar     | MA001-63R-1,6  |
| 63                  | 0-2,5          | bar     | MA001-63R-2,5  |
| 63                  | 0-4 / 0-58     | bar/psi | MA001-63R-4-D  |
| 63                  | 0-6            | bar     | MA001-63R-6    |
| 63                  | 0-10 / 0-145   | bar/psi | MA001-63R-10-D |
| 63                  | 0-16 / 0-230   | bar/psi | MA001-63R-16-D |
| 63                  | 0-25           | bar     | MA001-63R-25   |
| 63                  | 0-40           | bar     | MA001-63R-40   |
| 63                  | 0-60           | bar     | MA001-63R-60   |
| 63                  | 0-100          | bar     | MA001-63R-100  |
| 63                  | 0-160          | bar     | MA001-63R-160  |
| 63                  | 0-250          | bar     | MA001-63R-250  |
| 63                  | 0-400          | bar     | MA001-63R-400  |

Abbildungen unverbindlich  
Konstruktions-, Maß- und Werkstoffänderungen vorbehalten

Pneumatik / Schläuche, Rohre, Manometer und Zubehör / Manometer / Manometer - Standardausführung / Rohrfederanometer Serie MA001-R

