

**Pressure Gauges / General Purpose Gauges / Pressure Gauges / Ø 100 mm**
**CONSTRUCTIVE PROPERTIES**

|                  | STANDARD                                                                                                                     | OPTIONAL                       |
|------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Mounting Type    | Bottom Connection                                                                                                            | See Technical Drawing          |
| Scale Unit       | bar/psi                                                                                                                      | bar   psi   mWs   kg/cm²   atm |
| Scale Range (PN) | 0/0,6   0/1   0/1,6   0/2,5   0/4   0/6   0/10   0/16   0/25   0/40   0/60   0/100   0/160   0/250   0 - 315   0/400   0/600 |                                |
| Case             | Steel (Black Enamelled)                                                                                                      | -                              |
| Window           | Polycarbonate                                                                                                                | -                              |
| Movement         | Brass                                                                                                                        | -                              |
| Wetted Parts     | Copper Alloy                                                                                                                 | -                              |
| Connection       | G 1/2" B                                                                                                                     | 1/2" NPT                       |
| Dial             | Aluminum                                                                                                                     | -                              |
| Pointer          | Aluminum                                                                                                                     | -                              |
| Welding          | Soldering                                                                                                                    | Hard Soldering                 |

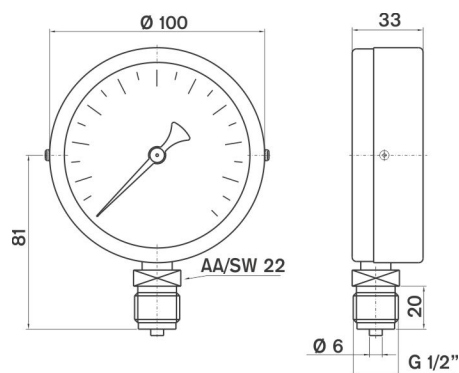
**USAGE PROPERTIES**

|                            |                                              |                   |
|----------------------------|----------------------------------------------|-------------------|
| Fluid Temperature          | Maximum + 60 °C                              | Maximum + 120 °C  |
| Ambient Temperature        | - 40...+ 60°C                                | -                 |
| Operating Pressure (max.)  | Must not exceed %75' of full scale.          |                   |
| Over Pressure Limit        | ≤40 bar PN x 1.25                            | >40 bar PN x 1.15 |
| Accuracy Class             | CL 2.5                                       | CL 1.6            |
| Protection Rate            | IP 41                                        | -                 |
| Optimum Operating Range    | Between 0,1 x PN and 0,75 x PN               |                   |
| Storage Temperature        | -40 ... +70 °C                               | -                 |
| Conformity                 | EN 837 - 1                                   | -                 |
| Mechanical Shock Test Load | 15g                                          | -                 |
| Mechanical Vibration Test  | 10 Hz ile 150 Hz -1 oktav/dk. 2s / 3 eksende |                   |


**MG100DRM1**

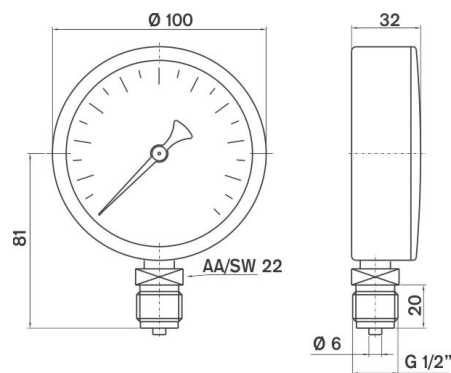
Bottom Connection

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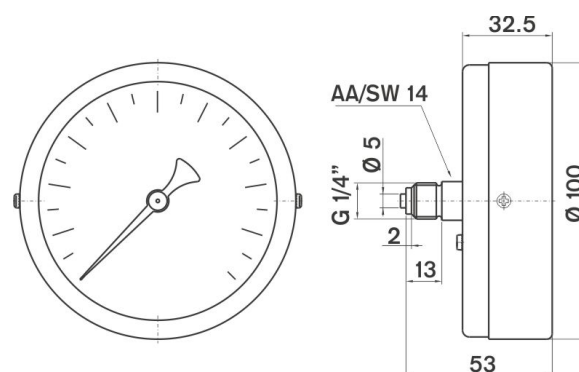
Model No: MG100DRM1-MK

Bottom Connection



Model No: MG100DRM1-AK

Bottom Connection



Model No: MG100DRM2-MK

Back Connection