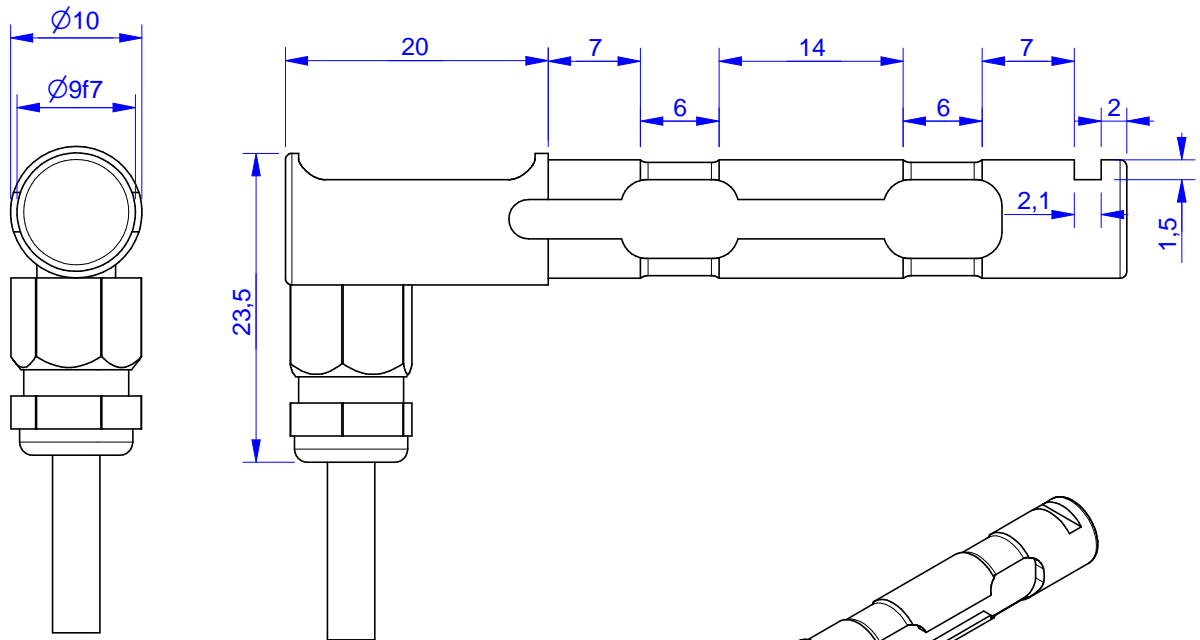


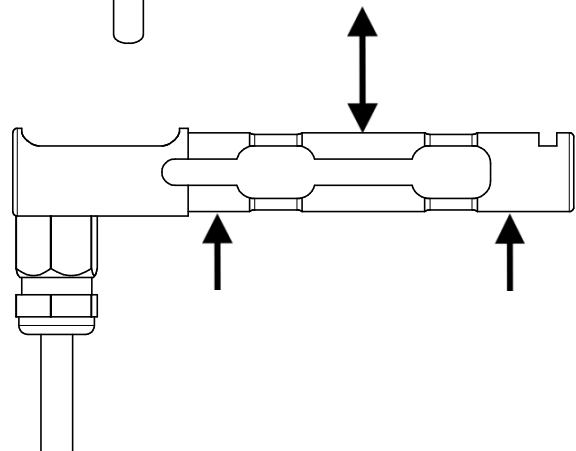
MBR109

miniaturized Load Pin



Specifications: (Customizing on request)

| | | |
|-----------------------------|--------------------|-----------------|
| Dimension / Material | | |
| Type of Construction | | Stainless Steel |
| Material | | IP 64 |
| Protection class | | |
| Mechanical Data | | |
| Capacity (F.S.) | kN | 2 |
| Safe Load Limit | % of F.S. | 150 |
| Breaking Load | % of F.S. | 300 |
| Electrical Data | | |
| Rated Output | mV/V@F.S. | 1 |
| Zero Balance | mV/V | $\pm 0,05$ |
| Excitation (Maximum) | Volt | 10 |
| Input Resistance | Ohm | 400 ± 50 |
| Output Resistance | Ohm | 352 ± 2 |
| Insulating Resistance | GOhm | > 5 |
| Precision | | |
| Precisionclass | % | 1 |
| Nonlinearity | % of F.S. | $\pm 0,5$ |
| Nonrepeatability | % of F.S. | $\pm 0,25$ |
| Hysteresis | % of F.S. | $\pm 0,2$ |
| Temp. Shift Zero | % of F.S./K. | $\pm 0,05$ |
| Temp. Shift Span | % of F.S./K. | $\pm 0,05$ |
| Temperature | | |
| Compensated Temp. | $^{\circ}\text{C}$ | -10...+60 |
| Operating Temp. | $^{\circ}\text{C}$ | -20...+70 |



| | | | | |
|-----------------|-------------------|----------------|------------|------------|
| Wiringcode: WC1 | Cabletype: STC31v | | | |
| Cable Length | Excitation (+) | Excitation (-) | Bridge (+) | Bridge (-) |
| 5 m | red | black | green | white |

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Made in Germany

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