

Sensor Head M12/F40

1013382

Technical Specifications

| | |
|---|-----------------------------|
| Sensor Head | |
| optics type | focusing |
| dimensions | Ø 14 mm, length 19.5 mm |
| weight [g] | 5.1 |
| mounting | metric M12 x 0.5 |
| focal length [mm] | 40 |
| typical beam diameter at focal point [µm] | ~ 45 |
| connector | FC/PC |
| working range (target: glass) [mm] | 38.5 .. 41.5 |
| angular tolerance (target: glass) [°] | ± 0.35 |
| working range (target: mirror) [mm] | 46 .. 50 |
| angular tolerance (target: mirror) [°] | ± 0.35 |
| fiber connection | screwed |
| Environment | |
| pressure | ambient pressure |
| temperature | 0 .. 50°C |
| Main Materials | |
| housing | Titanium Grade 2 (3.7035) |
| lens | glass (with AR C coating) |
| Scope of Delivery | |
| fiber IDS-sensor head | IDSMF/PC/RT (1009980) |
| number of axes | 1 |
| mirror | Ø 9 mm, Al coated (1010846) |



