

# IDSH/M15.5/C1.6/FLEX/LT/UHV/RAD (with filter)

1022884

## Technical Specifications

<b>Sensor Head</b>	
optics type	collimating
dimensions	Ø 22 mm, length 20.6 mm
weight [g]	16.1
mounting	metric M15.5 x 0.5
beam diameter [mm]	1.6
connector	FC/PC
working range (target: mirror) [mm]	up to 1000
angular tolerance (target: mirror) [°]	± 0.02
lateral tolerance (target: retroreflector) [mm]	± 0.5
angular tolerance (target: retroreflector) [°]	± 6
fiber connection	screwed
<b>Flex Structure</b>	
tilt range	1°
resolution	0.03°
<b>Environment</b>	
pressure	1E-10 mbar .. 5 bar
temperature	0 .. 150 °C
<b>Main Materials</b>	
housing	Titanium Grade 2 (3.7035)
lens	glass (with AR C coating)
adhesive	NASA outgassing compliant adhesive
<b>Scope of Delivery</b>	
fiber IDS-feedthrough	IDSMF/APC/RT (1009981)
fiber feedthrough-sensor head	IDSMF/UHV metal tubing (1016354)
number of axes	1
alignment tool	hexagon wrench key
attenuator	Connector. SC/APC, Attenuation: 1 dB



