

# IDSH/M12/C1.6/LT/UHV/RAD (with filter)

1022886

## Technical Specifications

<b>Sensor Head</b>	
optics type	collimating
dimensions	Ø 14 mm, length 17.4 mm
weight [g]	5.1
mounting	metric M12 x 0.5
beam diameter [mm]	1.6
focal length [mm]	infinity
connector	FC/PC
working range (target: mirror) [mm]	up to 1000
angular tolerance (target: mirror) [°]	± 0.02
working range (target: retroreflector) [mm]	up to 1000
lateral tolerance (target: retroreflector) [mm]	± 0.5
angular tolerance (target: retroreflector) [°]	± 6
<b>Environment</b>	
pressure	1E-10 mbar .. 5 bar
temperature	0 .. 150°C
radiation	up to 10 Mgy radiation dose
<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
mirror	Ø 9 mm, Al coated (1010846)
attenuator	Connector. SC/APC, Attenuation: 1dB



