

# Sensor Kit Package "D12/F2.8"

for FPS or IDS setups

## Technical Specifications

### Sensor Head - "D12/F2.8"

optics type	focussing
dimensions	Ø 12 mm, length 32.3 mm
mounting	clamped
spot size	2 µm @ 2.8 mm
focal length	2.8 mm
connector	FC/PC
working environment	/RT, /LT/HV, /UHV, /RAD
<b>target: glass</b>	
measurement mode	single pass mode
linear measurement range	2.8 mm

### Sensor Head - Working Environment

/RT	ambient, 0..100°C, 1E-4 mbar
/HV	0..150°C, 1E-8 mbar
/UHV	0..150°C, 1E-10 mbar
/LT	mK..423 K, cryogenic vacuum
/RAD	0..150°C, 1E-8 mbar, up to 10 MGy radiation dose

### Sensor Kit Packages FPSH & IDSH - Scope of Delivery

axes	1
sensor head	D12/F2.8
<b>Fiber package depending on environmental conditions:</b>	
/RT option	FPSMF/PC/RT or IDSMF/PC/RT
/HV option	FPSMF/APC/RT + FPSMF/HV or IDSMF/APC/RT + IDSMF/HV
/UHV option	FPSMF/APC/RT + FPSMF/UHV or IDSMF/APC/RT + IDSMF/UHV
/LT option	FPSMF/APC/RT + FPSMF/LT or IDSMF/APC/RT + IDSMF/LT
/RAD option	FPSMF/APC/RT + FPSMF/RAD or IDSMF/APC/RT + IDSMF/RAD

### Article Numbers

FPSH or IDSH/D12/F2.8/RT	1011400 or 1011404
FPSH or IDSH/D12/F2.8/LT/HV	1011401 or 1011405
FPSH or IDSH/D12/F2.8/UHV	1011402 or 1011406
FPSH or IDSH/D12/F2.8/RAD	1011403 or 1011407

## Drawings

### Sensor Head "D12/F2.8"

