

ENDO 10/D8
ENDO 10/D8-R

NEW
2020

MARPOSS
STIL

Chromatic Confocal Controller

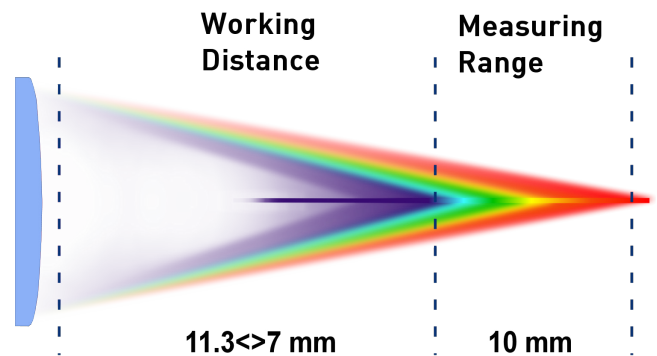


Axial



Radial

Ø 8 mm

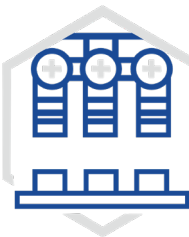


- Small external diameters (from 4mm to 8mm), ideal for the integration of several sensors
- Axial or radial screws with 90 degree return
- Lightweight and compact for easy integration
- Compact Chromatic Confocal Sensor (body Ø 8 mm)
- 10 mm Measuring Range
- Axial or radial spot
- Armoured optical fiber included
- Industrial stainless steel housing

All materials



Industrial



Accurate measurement

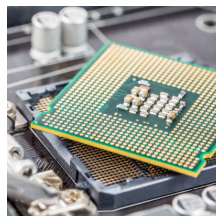


DESIGNED FOR

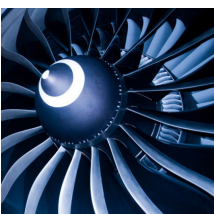
Mechanics



Semiconductors



Aerospace



Glass



PERFECT FOR

Distance



Dimension



Thickness



Shape



ENDO 10/D8

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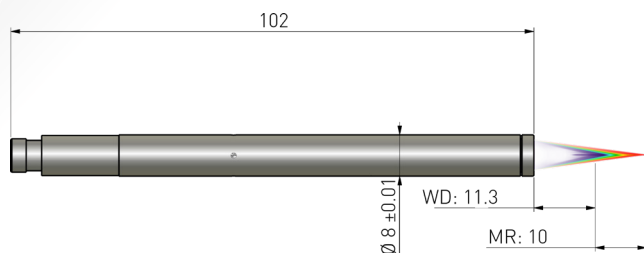
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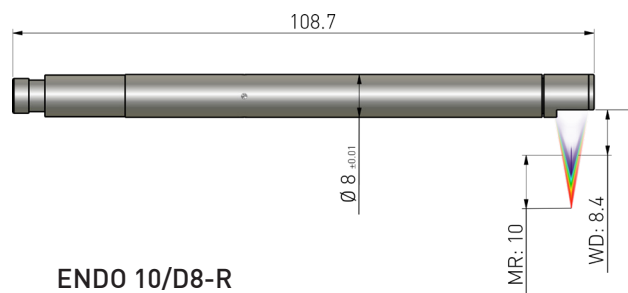
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Chromatic Confocal Controller

DIMENSIONAL DRAWING*



ENDO 10/D8



ENDO 10/D8-R

SPECIFICATIONS *

Nota: All dimensions are in mm

Product	Unit	ENDO 10/D8	ENDO 10/D8-R
Order code		03PS0388001	03PS0388501
Measuring Range	mm	10	10
Working Distance	mm	11.3	7
Numerical aperture		0.1	0.1
Max. sample slope	°	±4.5	±4.5
Axial or radial model		Axial	Radial
Max. linearity error**	µm	0.8	0.8
Static noise	µm	0.6	0.6
Axial resolution**	µm	3.6	3.6
Lateral resolution**	µm	17	17
Spot size	µm	31	31
Photometric efficiency		36	24
Min. measurable thickness***	µm	500	500
Length	mm	102	108.7
Diameter	mm	8	8
Weight	g	23	23

** With CCS electronics (PRIMA & OPTIMA+)

*** Typical value considering a layer of glass, i.e. considering a refractive index n=1.51

ASSOCIATED WITH

INTEGRATED OPTICAL FIBER



- 3 m optical fiber included with E2000 connector
- Special fiber length available on demand

CONTROLLER



- ZENITH
- PRIMA, - OPTMA +
- PRIMA 2
- LIGHTMASTER
- STIL-DUO

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*Specifications are subject to modifications

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