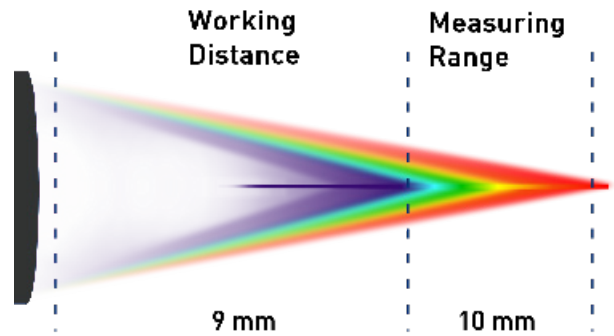


ENDO 10/D8-LT

NEW
2020

MARPOSS STIL

Chromatic Confocal Controller



Working with any STIL optoelectronic controller, the ENDO series allows precise measurements with a sub-micron resolution.

- 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

All materials	Industrial	Accurate measurement

▶ DESIGNED FOR

Mechanics 	Semiconductors
Aerospace 	Glass

▶ PERFECT FOR

Distance 	Dimension
Thickness 	Shape

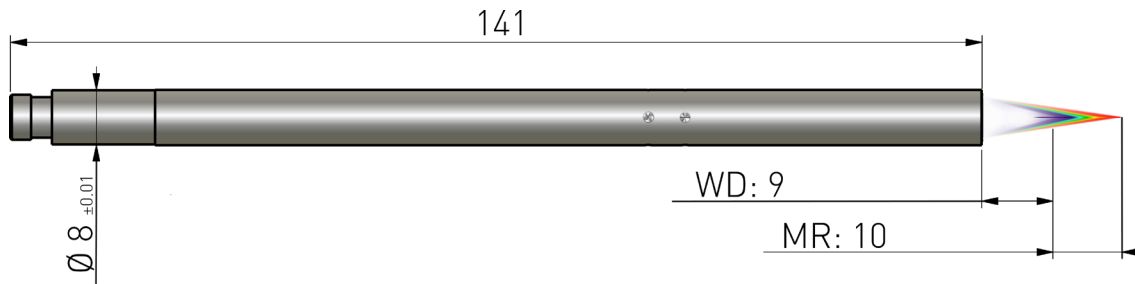
ENDO 10/D8-LT

NEW
2020

MARPOSS STIL

Chromatic Confocal Controller

DIMENSIONAL DRAWING*



SPECIFICATIONS*

Nota: All dimensions are in mm

Product	Unit	ENDO 10/D8-LT
Order code		03PS0384001
Measuring Range	mm	10
Working Distance	mm	9
Numerical aperture		0.1
Max. sample slope	°	± 4
Axial model		Axial
Max. linearity error**	µm	± 1.1
Static noise**	nm	600
Axial resolution**	µm	3.6
Lateral resolution	µm	9
Spot size	µm	18
Photometric efficiency		6
Min. measurable thickness***	µm	450
Length	mm	141
Diameter	mm	8
Weight	g	26

** 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

CONTROLLER



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



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

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* Specifications are subject to modifications

PH18-400-N1-0822