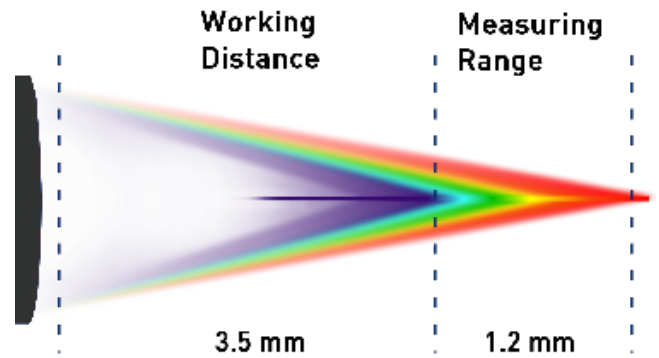
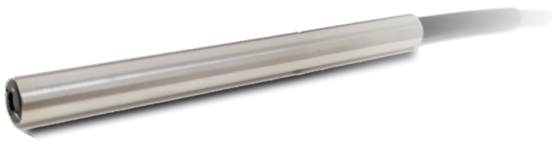


ENDO 1.2/D8

NEW
2020

MARPOSS
STIL

Chromatic Confocal Controller



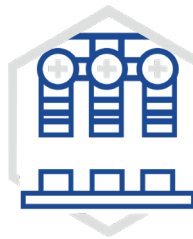
Working with any STIL optoelectronic controller, the ENDO series allows precise measurements with a sub-micron resolution.

- 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

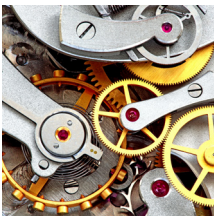


Accurate measurement

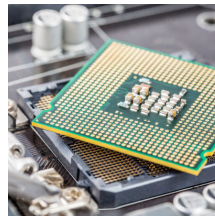


DESIGNED FOR

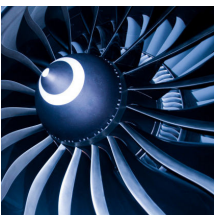
Mechanics



Semiconductors



Aerospace



Glass



PERFECT FOR

Distance



Dimension



Thickness



Shape



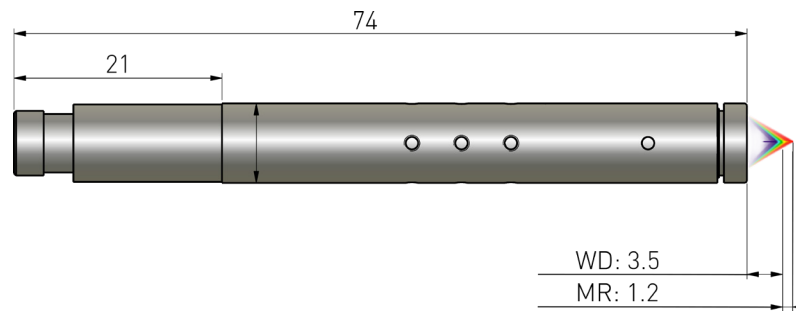
ENDO 1.2/D8

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2020

MARPOSS STIL

Chromatic Confocal Controller

DIMENSIONAL DRAWING*



Nota: All dimensions are in mm

SPECIFICATIONS *

Product	Unit	ENDO 1.2/D8
Order code		O3PS0386001
Measuring Range	mm	1.2
Working Distance	mm	3.5
Numerical aperture		0.36
Max. sample slope	°	± 19.5
Axial or radial model		Axial
Max. linearity error**	µm	± 0.08
Static noise**	nm	60
Axial resolution**	µm	0.36
Lateral resolution	µm	3.4
Spot size	µm	6.8
Photometric efficiency		19
Min. measurable thickness***	µm	60
Length	mm	74
Diameter	mm	8
Weight	g	16

** 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

www.stil-sensors.com

info@stil-sensors.com

+33 (0)4 42 39 66 51

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* Specifications are subject to modifications

PH18-600-N1-0822