

# PRIMA BOXLESS

CCS FOR  
OEM

**MARPOSS**  
STIL

## Chromatic Confocal Controller



- ✓ Based on best-seller Prima controller
- ✓ Compatible with all sensor heads from STIL
- ✓ Suited for industrial environments
- ✓ Very accurate measurements
- ✓ Measure on any kind of material
- ✓ Excellent price / performance ratio

STIL expanded its CCS product portfolio with an OEM version of the classic PRIMA controller for single point Chromatic Confocal sensor head.

This OEM version offers all the benefits in performance of the CCS PRIMA but has to be integrated inside a system for his protection against dust, water and electromagnetic fields.

The BOXLESS has Trigger function, USB interface and analog output but no encoder input, no display and no integrated button.

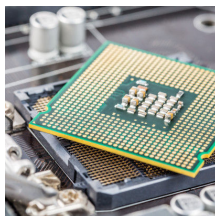


### DESIGNED FOR

#### Mechanics



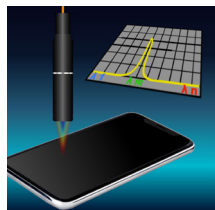
#### Semiconductors



#### Glass



#### Metrology



### PERFECT FOR

#### Distance



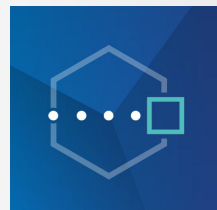
#### Roughness



#### Thickness



#### Displacement



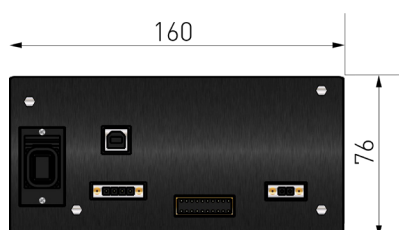
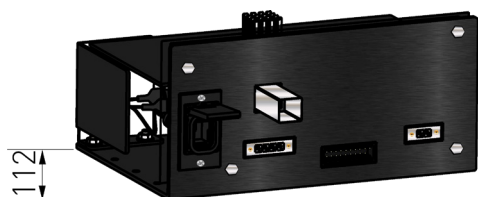
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## Chromatic Confocal Controller

### DIMENSIONAL DRAWING\*



### SPECIFICATIONS\*

Nota: All dimensions are in mm

Product	PRIMA BOXLESS
Order code	O8ST1000001
Number of channel	1
Measuring Frequency	100 Hz - 2 kHz
Calibration table memory	Up to 20 calibration tables
Distance Measurement	First/Highest peak
Thickness Measurement	2 Peaks
Advanced features	AutoLed /AutoDark / Double Frequency / HoldLastValue...
Digital Output	USB
Synchronization	Trigger in&out
Other Input / Output	2 Analog Output
Fiber connection	E2000 / APC
Temperature in use	5°C to 50°C
Storage temperature	-30°C to 70°C
Relative humidity	5% - 80% HR without condensation
Protection type	No protection
Compliance	Boxless is available for integrators and OEM only. This product should be inserted in a user-supplied ventilated and shielded box
Power Supply	24 Vdc
Maximum / Usual Consumption	25 W / 8 W
Dimensions	160 mm x 112 mm x 76 mm
Weight	800 g

### ASSOCIATED WITH

#### OPTICAL FIBER

- Standard cladding
- Stainless steel cladding
- Armored fiber



#### SENSOR HEAD



- CL-MG SERIES
- OP SERIES
- ENDO SERIES
- EVEREST SERIES

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\* Specifications are subject to modifications

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