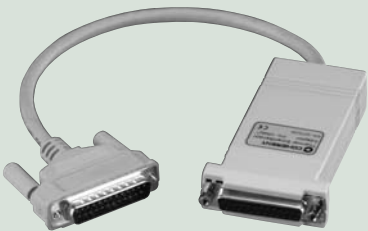# Thermal SmartSensor Adapter

JSA-BNC Adapter

Features

- **Converts LM-model thermal and optical sensors to work with FieldMaxII-TOP, FieldMaxII-TO, FieldMate and EPM2000**

- **Automatically configures itself to work with LM-model sensors**

The SmartSensor Adapter is used to convert an LM- model thermal sensor or optical sensor for use with 3sigma, FieldMax-TOP, FieldMax-TO, and FieldMate. This adapter can be used with multiple sensors due to its ability to adaptively read the sensor EEPROM contents and program itself when powered on. Note that beam position information is not available when using these meters. At the time of this printing, the SmartSensor Adapter has not been released. Please inquire about availability.

The JSA-BNC Adapter is used to convert a BNC terminated energy sensor for use with 3sigma, FieldMax-TOP, and FieldMax-P. Each sensor must have a unique JSA-BNC adapter programmed with its specific calibration factor.

Accuracy is ±2%. In addition to adapter accuracy, system accuracy depends on the stated accuracy of the specific meter and sensor being used.

Part Number	Description
0012-2340	JSA-BNC Adapter for use with 3sigma, FieldMax-TOP, and FieldMax-P
1056827	SmartSensor Adapter for use with 3sigma, FieldMax-TOP, FieldMax-TO, and FieldMate

Superior Reliability & Performance

Thermal SmartSensor™ Adapter
JSA-BNC Adapter

Sensor Compatibility
Thermal SmartSensor adapter is compatible with the following Coherent sensors:

Sensor	Part Number	RoHS Item Number
Beam Finder	33-1215-000	1098427
LM-2 IR	33-0944-000	1098342
LM-2 UV	33-0951-000	1098390
LM-2 VIS	33-0936-000	1098298
LM-3 HTD	33-7931-000	1098328
LM-10 HTD	33-7923-000	1098304
LM-20 HTD	33-7907-000	1098456
LM-30V	33-0993-000	1098404
LM-45 HTD	33-7915-000	1098320
LM-80V	33-1017-000	1098464
LM-100B HTD	33-0472-000	1098445
LM-100E	33-1033-000	1098463
LM-100EB	33-4508-000	-
LM-100 HTD	33-7899-000	1098346
LM-100XL HTD	33-7881-000	1098465
LM-150 FS HTD	33-7873-000	1098394
LM-200 HTD, 110 VAC	33-7857-000	1098440
LM-200 HTD, 220 VAC	33-7840-000	1098450
LM-200XLE	33-1108-000	-
LM-200XL HTD	33-7832-000	1098546
LM-1000	33-1116-000	1098409
LM-2500	33-1124-000	1098437
LM-5000	33-1132-000	1098421

Meter Compatibility
Thermal SmartSensor adapter allows operation of specific thermal and optical sensors with the following Coherent meters. These meters require the listed firmware level or higher.

Meter	Firmware	Part Number	RoHS Item Number
3sigma™	1.11	0012-0840	-
EPM2000[1]	4.35 system 4.02 analog	0011-5140	-
FieldMate™	1.02	1067353	1098297
FieldMax™-TO	1.05	1058846	-
FieldMax-TOP	1.05	0012-3790	-
FieldMaxII-TO	2.01	1070873	1098579
FieldMaxII-TOP	2.01	1072788	1098580

[1] The EPM2000 meter is not equipped to function with LM-2 IR, VIS, or UV.

Coherent follows a policy of continuous product improvement. Specifications are subject to change without notice.

Coherent's LabMax meters are compliant with the EU Restriction of Hazardous Substances (RoHS) and Waste Electrical and Electronic Equipment [WEEE] Directives. They also meet the intent of Directive 89/336/EEC for Electromagnetic Compatibility (CE). CE compliance was demonstrated per testing to EN61326 Electromagnetic Compatibility Product Family Standard for Measurement, Control and Laboratory Equipment.

Coherent offers a Limited Warranty for all Thermal SmartSensor Adapters. For full details of this warranty coverage, please refer to the "Warranty Information for Instruments" webpage under the Service section of our website at www.Coherent.com or contact your local Sales or Service representative.

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