

OPTIC SERIES RACK MONITORS

MODEL 8130 OPTIC RACK MONITOR WITH GROUND VERIFICATION



Civacon Model 8130 features include:

- Combined optic monitoring with ground verification in a single unit
- Monitors up to 12 optic compartments
- Utilizes industry standard optic signal format
- LED lamps provide long life, reliability
- Light weight yet rugged; easy to handle, mount and install
- Available with an optional, exclusive remotely installed, tamper resistant handheld bypass control unit (sold separately); provides flexibility, increased convenience

Discover the many advantages of the new Model 8130 — call 888-526-5657 or visit us at www.civacon.com

civaconTM

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ISO 9001
certified

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	INQUIRIES SALES SERVICE	(888) 526-5657 • fax (888) 634-1433

Made In The
USA

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CIVAICON MODEL 8130 OPTIC RACK MONITOR WITH GROUND VERIFICATION

OPERATION

A unique, pulsed — and intrinsically safe — electrical signal is generated by the control monitor and is transmitted to the sensors via a coiled cord and optic format plug.

When sensors on the transport are dry, a signal is returned to the monitor. If the signal meets predetermined characteristics, the monitor goes to a “permissive” state. This “permissive” state closes a set of relay contacts which, in turn, changes the status light on the front of the 8100 series optic rack

monitor from red (“non-permissive”) to green (“permissive”).

If the sensor becomes wet during the loading process, the relay is opened and the status light will change from green to red (non-permissive), shutting down the loading process. If the bypass mode is activated the green and red status lights will flash alternately.

If the monitor does not receive a proper ground verification signal, the red status light will flash repeatedly, shutting down the loading process. Ground verification cannot be bypassed.

SPECIFICATIONS

Operating Temperature:
-40°F to 158°F (-40°C to 60°C)

Input Requirements:
Please specify: 120VAC 60 Hz, 10VA
or 240VAC

Output Relay Contacts:
240VAC — 5A

Response Time:
0.5 seconds maximum, dry to wet transition

Electrical Connections:
Internal terminal strips

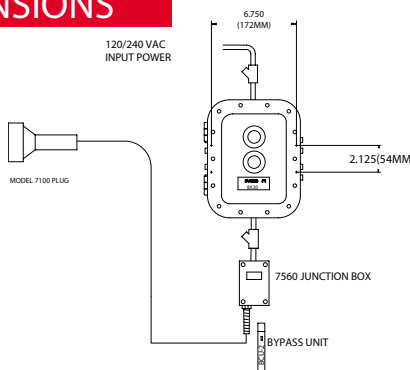
Enclosures:
NEMA 4X & 7 style water-tight, corrosion
resistant and explosion-proof ratings

Approximate Weight:
8130 — 13 lbs. (6 KG)

Approvals:
UL/CUL Class I, Division I, Groups C&D

Installation Information:
Provided with the monitor.

DIMENSIONS



ORDER INFORMATION

- 8130-120 Optic Monitor w/ Ground Verification — 120V
- 8130-240 Optic Monitor w/ Ground Verification — 240V
- 8150-120 Optic Monitor w/ Ground Verification and Bypass Control. Includes BCU-2 and 7560 Junction Box — 120V
- 8150-240 Optic Monitor w/ Ground Verification and Bypass Control. Includes BCU-2 and 7560 Junction Box — 240V

OPTIONAL ACCESSORIES

- BCU-2 Bypass control unit 8X30
- 7560-7560 Junction box, rack, w/ Bypass
- 7100-7100 Optic plug and cord
- 7720-7720 GV Clamp w/ 30' Straight Cord
- 1300HS-0062 Optic Cane Probe 62" w/ 7-pin plug
- 1400RHS-0060 Optic SST Cane Probe 60" w/ 7-pin plug

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