

FIBER OPTIC MULTIPLEXER — FOM-10

10 FIBER OPTIC INPUTS

1 FIBER OPTIC OUTPUT

MICRO-PROCESSOR BASED



The FOM-10 is a 10 channel fiber-optic multiplexer.

The unit receives up to ten fiber-optic data channels at baud rate as high as 345 Kbaud, scans the inputs and composes large output data block in which every input data has a defined place.

The output transmitter applies LED

type emitter in light wavelength of 820 to 860 nano-meter.

The FOM-10 multiplexer is a DIN rail instrument provided with front accessible fiber optic ST connectors.

The FOM-10 is housed in a polycarbonate enclosure which can be mounted either on a 35 mm standard DIN rail or on a wall using screws.

FOM-10

SPECIFICATIONS

INPUTS: 10 Fiber optic

OUTPUT: 1 Fiber optic

CONNECTORS: ST-3 Type
WAVE LENGTH: 820 - 860 nm

DATA TRANSFER RATE: 345.6 KBAUD

INDICATORS:
1 Yellow LED, power "On" indicator

SUPPLY VOLTAGE: 24 ±10% Vdc (regulated)
Reverse polarity protected

SUPPLY CONSUMPTION: 250 mA

OPERATING TEMPERATURE: 0 - 60°C

STORAGE TEMPERATURE: -25 to +85°C

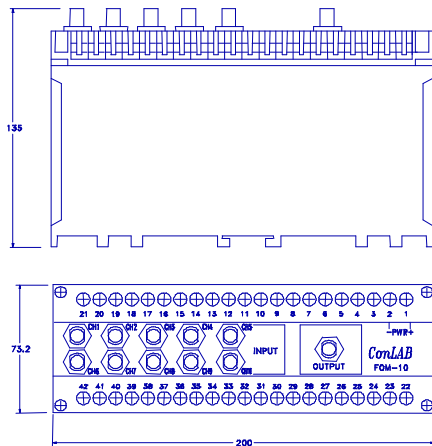
HUMIDITY: 5 - 95% relative, non condensed

FUSE: 500 mA, 5x20 mm fast-blown

HOUSING: Plastic Polycarbonate
Box: According to IP50 DIN 40050
Terminals: According to IP20 DIN 40050

WEIGHT: 0.85 Kg

Dimensions



data subject to change without notice

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