

CC-16

MULTI BRIDGE MODULE UNIT

mV Sensor input to 4~20mA signal output

Specification Sheet
ref C1510Av.1



Designed to interface between mV sensors and 4~20mA signal input devices, offering multiple mother board systems enabling unlimited sensor options. Customers requiring to replace conventional 3 wire mV sensor input gas alarm panels or convert their mV sensor system to a 4~20mA analogue output network for direct use into a Building Management System (BMS) will find the CC16 a cost effective product.

Fully compatible with the GDS Combi 16/80 and the CC8 1~8 way 4~20mA to 4 wire CAN converter unit

No. of channels per mother board

1~16 plug in bridge cards

Power Supply

24v DC nominal (21–30 volts)

Input – Sensor Type

3 wire catalytic, prime infrared and semiconductor

Input Sensor Terminals

P (-) = Detector element

Y = Signal (bridge centre point)

W (+) = Compensator element

Sensor Supply

Constant current-jumper selectable

375mA, 294mA, 243mA, 170mA, 100mA.

Adjustable voltage – option

Analogue Output

24v / 4~20mA maximum load 500 ohms

Operating Temperature

-10 to +50 °C

Sensor Cable

1.5mm screened

Maximum loop resistance 20 ohms

4~20mA signal – 0.5mm screened

Maximum loop resistance 200 ohms

Enclosure

Dimensions: 313mm W x 153mm H x 95mm

Cable entry: top/bottom – 20mm

Ingress: IP52

Mounting: wall/din rail

Weight: 2.8kg

Colour: BS00A01 – Ash Grey

Optional enclosures for larger systems

This document is not contractual and the equipment specification may be modified at any time without prior notice.

