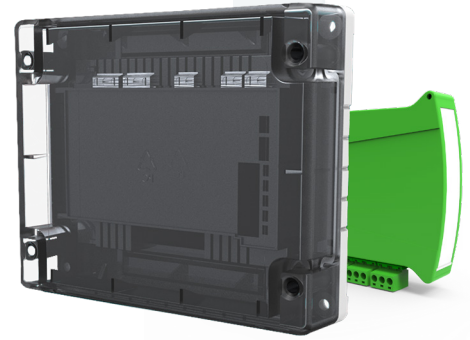


ESPintelligent CHQ-FTM

Analogue Dual Input 4-20 mA Module

Features

- ▶ Loop powered with Single loop address
- ▶ Provides 2 Independent inputs for monitoring equipment with 4-20 mA outputs
- ▶ Each input has 4 user selectable analogue threshold levels
- ▶ Inputs can be inverted
- ▶ Two remote LED outputs
- ▶ Also available as DIN
- ▶ Approved to AS ISO 7240.17 & 18
- ▶ Railway Approved and SIL2 variants available.



Description

Model CHQ-FTM is a Dual 4-20 mA Input Module designed to interface to equipment with 4-20 mA outputs such as Gas Detectors, Flame Detectors and Industrial equipment. Also available as a DIN Rail mountable version. A back

box is also available (CHQ-BACKBOX) which, when used in conjunction with the CHQ-FTM, increases the IP rating to IP65.

Specification

Ordering code	CHQ-FTM and CHQ-FTM/DIN
Operating voltage	17 – 41 VDC
Quiescent current (typ)	330 μ A
Current consumption	22 mA \pm 20 % (polling)
Full scale range for I/P1 & I/P2	0-25.5 mA
Input E.O.L. resistor	10 k Ω , \pm 5%, 0.25 W
Normal Range for I/P1 & I/P2	4 to 20 mA
Max short-circuit current (loop)	1 A
Output rating	17-41 VDC* - Current limited to 8 mA
Operating temperature range	-20°C to +40°C
Operating humidity	RH 95% non-condensing
IP rating	IP20

*Loop voltage

Please ensure control panel compatibility