

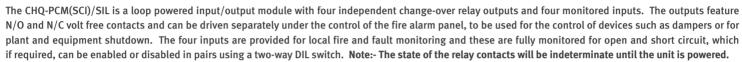
# CHQ-PCM(SCI)/SIL

## **Analogue Plant Control Module**

#### **Features**

- ▶ SIL Level 2 approved
- ▶ Ideal for use in oil and gas environments
- ▶ Single loop address
- ▶ Loop powered
- ▶ 4 change-over relay outputs
- ▶ 4 independent inputs for monitoring of volt-free contacts
- ▶ Each input can be configured to monitor either Normally Open or Normally Closed contacts
- > Both models feature an integral short-circuit isolator
- ▶ Approved by LPCB

### **Description**





Specification		
Transmission method	Digital communication using ESP	
Loop	Operating voltage	17 - 41 VDC
	Quiescent current	300 μΑ
	Current consumption whilst polling	22 mA ± 20 %
Relay contact rating	30 VDC max, 1 A (resistive load)	
Input E.O.L resistor	10 kΩ, ± 5%, 0.25 W	
Input threshold level	ON=470 $\Omega$ , Short cct <50 $\Omega$ , Open cct >100 K $\Omega$	
Maximum rated current	1 A (switch closed)	
Leakage current	3 mA (switch open)	
Weight (g) Dimensions (mm)	332	L157 x W127 x H35 (CHQ Module with lid)
	567	H79 (CHQ Module with lid and CHQ-BACKBOX)
Colour and enclosure material	CHQ Module & CHQ-BACKBOX white ABS	

## **Ordering Codes**

**Product Part Number** 

**Analogue Plant Control Module** CHQ-PCM(SCI)/SIL









