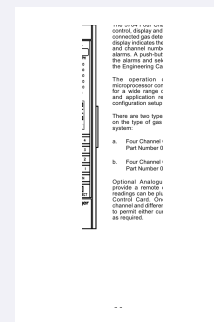


AMIKON TECHNICAL DOCUMENTATION

Data Sheet

HONEYWELL 05704-A-0145

Four-channel 4-20 mA gas detector control card



01

VERIFIED PRODUCT IDENTITY

Product model	05704-A-0145
Manufacturer	Honeywell
Control system	System 57 / 5704
Card type	Four-channel control card
Input version	4-20 mA sensor current source
Channel capacity	Up to four gas-detector loops

02

ELECTRICAL DATA

DC supply range	18 to 32 VDC
Maximum power	8.3 W
Typical power	7.5 W
Measurement range	0 to 25 mA
Loop-powered output	24 V $\pm$ 5%, 25 mA maximum

Maximum loop resistance	500 ohm including sensor
Initial accuracy	±1%
Alarm setpoint resolution	1% full-scale steps
Display / alarm linearity	±2% FSD
Repeatability	±2% FSD
Remote input limit	32 V maximum, 5 mA maximum
Electronic drift	Less than ±3% over 6 months
Dimensions	13.2 × 2.5 × 17.2 cm
Weight	0.17 kg

- Monitor up to four compatible 4-20 mA gas-detector loops in a System 57 rack.
- Process independent alarm levels and drive configured relay functions for each channel.
- Provide optional isolated analogue outputs to a PLC, recorder or data-logging system.

Confirm part number 05704-A-0145, rack interface, detector loop type, wiring, saved configuration, alarm setpoints and any optional analogue-output modules before ordering or commissioning.

AMIKON PRODUCT SUPPORT

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