

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Panametrics XMTC-62-11-0

Thermal Conductivity Gas Transmitter



FAMILY	OUTPUT	SUPPLY	SAMPLING
XMTC	4-20 mA	24 VDC	Required

XMTC family reference data is summarized below. Exact suffix-specific calibration, materials and approvals for XMTC-62-11-0 remain unconfirmed; verify the supplied unit before selecting or installing it.

01

PRODUCT IDENTITY & FAMILY DATA

Product model	XMTC-62-11-0
Measurement principle	Thermal conductivity; glass-coated thermistors
Gas mixture	Binary or pseudobinary; total composition 100%
Family accuracy	+/-2% of span
Family linearity	+/-1% of span
Family repeatability	+/-0.5% of span
Family zero/span stability	+/-0.5% of span per week
Family response time	20 seconds for 90% step change

Official source: XMTC datasheet BHCS38653 (04/2023), pages 1-3. Confirm the complete unit configuration.

02

XMTC FAMILY TECHNICAL DATA

Analog output	Isolated 4-20 mA; 800 ohm maximum load
Power specification	24 VDC +/-2 VDC; 1.2 A maximum
Nominal sample flow	250 cc/min; conditioned sample required

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XMTC FAMILY APPLICATIONS

- Hydrogen in nitrogen for metal heat-treatment furnaces
- Hydrogen in generator cooling systems
- Carbon dioxide or methane monitoring in biogas
- Carbon dioxide in fermentation processes
- Purity monitoring of argon, hydrogen, nitrogen and helium

04

OFFICIAL DOCUMENTATION

[XMTC datasheet BHCS38653 \(04/2023\)](#)

Official XMTC family data does not confirm the complete -62-11-0 configuration. Check calibration, gas composition and installation requirements against the supplied unit documentation. A suitable sample system is mandatory.

AMIKON PRODUCT SUPPORT

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