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Data Sheet

August 1, 2026

YOKOGAWA

Yokogawa 701266 Analog Voltage Input Module

The Yokogawa 701266 is listed in secondary ScopeCorder module indexes as an analog voltage input plug-in. Yokogawa's published plug-in module specifications for the DL850E/DL850EV/DL350/SL1000 family document the closely related high-precision voltage and temperature isolation modules as 701265 (Temperature/High-Precision Voltage) and 720266 (Temperature/High-Precision Voltage Isolation, Low Noise). No separate official Yokogawa datasheet uniquely titled 701266 was located; the electrical characteristics below follow the published 720266 high-precision voltage/temperature isolation module, which is the current documented low-noise high-precision analog voltage input module in this product line and is commonly associated with catalog entries of this type. High-sensitivity, low-noise DC and low-frequency voltage measurement and thermocouple temperature acquisition on ScopeCorder platforms. Typical uses include sensor and transducer monitoring, thermal correlation with electrical signals, battery and low-level analog validation, and precision DC measurements requiring isolation and fine voltage sensitivity (down to 100 uV/div). Yokogawa 701266 Analog Voltage Input Module The Yokogawa 701266 is listed in secondary ScopeCorder module indexes as an analog voltage input plug-in. Yokogawa's published plug-in module specifications for the DL850E/DL850EV/DL350/SL1000 family document the

No photo

MODEL Yokogawa 701266	CALIBRATION N/A — off-catalog OEM datasheet
CONDITION See OEM documentation	STATUS Not listed on Aumictech inventory
RFQ / SKU 701266	LISTING Off-catalog — OEM dat asheet only

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

701266 Characteristics / Specifications

PARAMETER	VALUE
Model Designation (catalog)	701266
Published Reference Module	720266 Temperature/High-Precision Voltage Isolation Module (Low Noise); related predecessor 701265
Instrument Type	High-precision analog voltage / temperature isolation input module
Input Channels	2
Input Type	Isolated unbalanced
Input Coupling	TC (thermocouple), DC, and GND
Input Connector	Binding post
Input Impedance	Approximately 1 MOhm
Data Update Rate	125 Hz (125 S/s)
A/D Conversion Resolution	Voltage 16-bit (2400 LSB/div); Temperature 0.1 C
Vertical (Voltage) Axis Accuracy	+/- (0.08% of 10 div + 2 uV)
Maximum Input Voltage (1 kHz or less)	42 V (DC + ACpeak)
Maximum Rated Voltage to Earth	42 V (DC + ACpeak) (CAT I, 30 Vrms)
Bandwidth Limit	Full / 2 Hz / 8 Hz / 30 Hz
Weight	Approximately 270 g class (family) Temperature Measurement (Published 720266 / 701265 Family) Does not include reference junction compensation accuracy.
Type K	-200 C to 1300 C; +/- (0.1% of reading + 1.5 C); for -200 C to 0 C use +/- (0.2% of reading + 1.5 C)
TypesRand S	0 C to 1700 C with elevated error bands at low temperatures
Type B	effective 400 C to 1800 C
TypeWand KP/AuFe	supported per module table
RJC Accuracy (balanced terminals)	K/E/J/T/L/U/N typically +/-1 C; R/S/B/W typically +/-1.5 C Platform Compatibility Compatible with ScopeCorder platforms that accept the 720266 / 701265 high-precision voltage-temperature modules (DL850E/EV, DL350, SL1000, and related). Confirm mainframe firmware and slot support for the exact installed module revision. Probes are not included.

PARAMETER	VALUE
Low-noise design (720266	typically about +/-4 uV)
Bandwidth	DC to 15 Hz - Binding-post inputs; TC, DC, and GND coupling - Thermocouple types K, E, J, T, L, U, N, R, S, B, W, KP/AuFe

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

specifications for the DL850E/DL850EV/DL350/SL1000 family document the closely related high-precision voltage and temperature isolation modules as 701265 (Temperature/High-Precision Voltage) and 720266 (Temperature/High-Precision Voltage Isolation, Low Noise). No separate official Yokogawa datasheet uniquely titled 701266 was located; the electrical characteristics below follow the published 720266 high-precision voltage/temperature isolation module, which is the current documented low-noise high-precision analog voltage input module in this product line and is commonly associated with catalog entries of this type.

Applications

High-sensitivity, low-noise DC and low-frequency voltage measurement and thermocouple temperature acquisition on ScopeCorder platforms. Typical uses include sensor and transducer monitoring, thermal correlation with electrical signals, battery and low-level analog validation, and precision DC measurements requiring isolation and fine voltage sensitivity (down to 100 uV/div).

Key Features (per published 720266 high-precision module)

- 2 isolated unbalanced channels
- Switchable voltage or thermocouple temperature measurement
- High-sensitivity voltage ranges from 100 uV/div
- Low-noise design (720266: typically about +/-4 uV)
- 16-bit voltage resolution; 0.1 C temperature resolution
- Voltage DC accuracy +/- (0.08% of 10 div + 2 uV)
- Data update rate 125 S/s; bandwidth DC to 15 Hz
- Binding-post inputs; TC, DC, and GND coupling
- Thermocouple types K, E, J, T, L, U, N, R, S, B, W, KP/AuFe

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model Designation (catalog)	701266
Published Reference Module	720266 Temperature/High-Precision Voltage Isolation Module (Low Noise); related predecessor 701265
Instrument Type	High-precision analog voltage / temperature isolation input module
Input Channels	2
Input Type	Isolated unbalanced
Input Coupling	TC (thermocouple), DC, and GND
Input Connector	Binding post
Input Impedance	Approximately 1 MOhm
Data Update Rate	125 Hz (125 S/s)

Frequency Range (-3 dB): DC to 15 Hz
A/D Conversion Resolution: Voltage 16-bit (2400 LSB/div); Temperature 0.1 C
Voltage-Axis Sensitivity: 100 uV/div to 10 V/div (1-2-5 steps)

Specifications

PARAMETER	VALUE
Vertical (Voltage) Axis Accuracy	+/- (0.08% of 10 div + 2 uV)
Maximum Input Voltage (1 kHz or less)	42 V (DC + ACpeak)
Maximum Rated Voltage to Earth	42 V (DC + ACpeak) (CAT I, 30 Vrms)
Bandwidth Limit	Full / 2 Hz / 8 Hz / 30 Hz
Weight	Approximately 270 g class (family)

Temperature Measurement (Published 720266 / 701265 Family)
Does not include reference junction compensation accuracy.
Type K: -200 C to 1300 C; +/- (0.1% of reading + 1.5 C); for -200 C to 0 C use +/- (0.2% of reading + 1.5 C)
Types E, J, T, L, U, N: per Yokogawa ScopeCorder module tables

Specifications

PARAMETER	VALUE
TypesRand S	0 C to 1700 C with elevated error bands at low temperatures
Type B	effective 400 C to 1800 C
TypeWand KP/AuFe	supported per module table
RJC Accuracy (balanced terminals)	K/E/J/T/L/U/N typically +/-1 C; R/S/B/W typically +/-1.5 C

Platform Compatibility
Compatible with ScopeCorder platforms that accept the 720266 / 701265 high-precision voltage-temperature modules (DL850E/EV, DL350, SL1000, and related). Confirm mainframe firmware and slot support for the exact installed module revision. Probes are not included.

Identification Note
If the physical module faceplate reads 720266 or 701265, use that model number for service and calibration. Specs above track Yokogawa Bulletin plug-in module documentation for 720266.

Standard Operating Conditions
Specifications apply at Yokogawa standard conditions (typically 23 C +/-5 C after warm-up). Recommended calibration period: 1 year.

Operational Notes
Use binding posts carefully for low-level signals; minimize thermocouple junction errors. Observe the 42 V isolation rating. For higher bandwidth voltage capture, useadifferent ScopeCorder voltage module (for example 701251 / 701255 / 701267 class).

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.