	LOGO! AM2
Electrical isolation	No
Line length (shielded and twisted)	Max. 10 m
Encoder supply voltage	None
Error limit	± 1.5% FS
Interference frequency suppression	55 Hz

A.11 Technical data: LOGO! AM2 RTD

	LOGO! AM2 RTD
Power supply	
Input voltage	12/24 VDC
Permissible range	10.8 VDC to 28.8 VDC
Power consumption	25 mA to 30 mA
Voltage failure buffering	Typ. 10 ms
Power loss at • 12 VDC • 24 VDC	 • 0.3 W to 0.4 W • 0.6 W to 0.7 W
Electrical isolation	No
Reverse polarity protection	Yes
Ground terminal	For connecting ground and shielding of the measuring line.
Sensor inputs	
Number	2
Type	PT100 or PT1000 with the default temperature coefficient of α = 0.003850 for both Types, or compatible sensors.
Connection of sensors • 2-wire technique • 3-wire technique	 • Yes • Yes
Measurement range	-50 °C to +200 °C -58 °F to +392 °F
Settings for the measurement display on the LOGO! Basic: • 1 °C steps • 0.25 °C steps (rounded to one decimal) • 1 °F steps • 0.25 °F steps (rounded to one decimal)	 • Offset: -50, Gain: 0.25 • Offset: -500, Gain: 2.50 • Offset: -58, Gain: 0.45 • Offset: -580, Gain: 4.50
Curve linearization	No
Measuring current Ic	Pulse current signal: PT100: 0.5 mA PT1000: 0.5 mA

	LOGO! AM2 RTD
Measurement rate	Depends on the installation Typ. 50 ms
Resolution	0.25 °C
Error limits (3-wire technique) • 0 °C to +200 °C • -50 °C to 200 °C	Of the final measured value: • ± 2 °C • ± 2 °C
Electrical isolation	No
Cable length (twisted)	Max. 10 m
Interference frequency suppression	50 Hz, 60 Hz

A.12 Technical data: LOGO! AM2 AQ

	LOGO! AM2 AQ
Power supply	
Input voltage	24 VDC
Permissible range	20.4 VDC to 28.8 VDC
Power consumption	30 mA to 82 mA
Voltage failure buffering	Typ. 10 ms
Power loss at 24 VDC	0.7 W to 2.0 W
Electrical isolation	No
Reverse polarity protection	Yes
Ground terminal	For connecting ground and shielding of the analog output line.
Analog outputs	
Number	2
Voltage range	0 VDC to 10 VDC
Voltage load	≥5 kΩ
Current output	0/4 mA to 20 mA
Curreny load	≤250 Ω
Resolution	10 bit, normalized to 0 to 1000
Cycle time for analog output	Depending on installation (50 ms)
Electrical isolation	No
Line length (shielded and twisted)	Max. 10 m
Error limit	± 2.5% FS
Short circuit protection	Voltage output: Yes
Overload protection	Current output: Yes Voltage output: Yes

Order numbers

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Modules

Variant	Designation	Order number
LOGO! Basic (Base Module with display)	LOGO! 12/24RCE *	6ED1052-1MD08-0BA1
	LOGO! 24CE *	6ED1052-1CC08-0BA1
	LOGO! 24RCE (AC/DC)	6ED1052-1HB08-0BA1
	LOGO! 230RCE (AC/DC)	6ED1052-1FB08-0BA1
LOGO! Pure (Base Module without display)	LOGO! 12/24RCEo *	6ED1052-2MD08-0BA1
	LOGO! 24CEo *	6ED1052-2CC08-0BA1
	LOGO! 24RCEo (AC/DC)	6ED1052-2HB08-0BA1
	LOGO! 230RCEo (AC/DC)	6ED1052-2FB08-0BA1
Digital modules	LOGO! DM8 12/24R	6ED1055-1MB00-0BA2
	LOGO! DM8 24	6ED1055-1CB00-0BA2
	LOGO! DM8 24R	6ED1055-1HB00-0BA2
	LOGO! DM8 230R	6ED1055-1FB00-0BA2
	LOGO! DM16 24	6ED1055-1CB10-0BA2
	LOGO! DM16 24R	6ED1055-1NB10-0BA2
	LOGO! DM16 230R	6ED1055-1FB10-0BA2
Analog modules	LOGO! AM2	6ED1055-1MA00-0BA2
	LOGO! AM2 RTD	6ED1055-1MD00-0BA2
	LOGO! AM2 AQ (0...10V, 0/4...20mA)	6ED1055-1MM00-0BA2
Text Display module with Ethernet interfaces	LOGO! TDE	6ED1055-4MH08-0BA1

*: Also with analog inputs

Accessories

Accessories	Designation	Order number
LOGO!Soft Comfort DVD	LOGO!Soft Comfort V8.3	6ED1058-0BA08-0YA1
Switching modules	LOGO! Contact 24 V	6ED1057-4CA00-0AA0
	LOGO! Contact 230 V	6ED1057-4EA00-0AA0
Power modules	LOGO! Power 12V/1.9A	6EP1321-1SH02
	LOGO! Power 12V/4.5A	6EP1322-1SH02
	LOGO! Power 24V/1.3A	6EP1331-1SH02
	LOGO! Power 24V/2.5A	6EP1332-1SH42
	LOGO! Power 24V/4A	6EP1332-1SH51
	LOGO! Power 5V/3A	6EP1311-1SH02
	LOGO! Power 5V/6.3A	6EP1311-1SH12
	LOGO! Power 15V/1.9A	6EP1351-1SH02
	LOGO! Power 15V/4A	6EP1352-1SH02