

BMXART0414

Schneider Electric · Modicon X80

Modicon X80 Temperature Input Module, 4-channel RTD/Thermocouple

Channels

4 channels

Signal type

RTD: PT100, PT1000, Cu10, Ni100; Thermocouple: J, K, T, E, R, S, B, N

Range

RTD / thermocouple configurable per channel

Resolution

16-bit

Accuracy

$\leq 0.1\text{ C (RTD)}$ / $\leq 1\%$ (thermocouple)

Isolation

Channel-to-channel isolation

Diagnostics

Module status LED; per-channel status

Connection

20-pin terminal block

Supply voltage

24 V DC (via backplane)

Power consumption

2.4 W

Bus current

100 mA @ 24 V DC

Operating temperature

0°C to +60°C

Storage temperature

-25°C to +70°C

Relative humidity

5% to 95% (non-condensing)

Protection rating

IP20

Dimensions (H×W×D)

100 × 28 × 93 mm

Weight

0.16 kg

Lifecycle

Active (shared I/O platform for M340 and M580) (Last verified: 2026-09)

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