ProSense Group

Solutions & Automation Builder

Ten-point pressure monitoring

Project design schedule · 27 November 2026

Project	Selection
System	PLC control
Hardware platform	Coolmay
Software and services	Coolmay VTool Pro
Field instruments	10
Priced equipment subtotal (AUD)	$1,715.00
Unpriced equipment lines	1
Catalogue prices checked	27 November 2026
4–20 mA inputs	10 used / 12 fitted
Digital inputs	0 used / 12 fitted
Relay outputs	0 used / 12 fitted
Analogue inputs required	10
Analogue inputs fitted	12
Spare analogue inputs	2
Schedule status	Selected I/O quantities fit. Engineering review is required for the ordered variants and installation.

Capabilities and functions

System	Function	Selection / capacity	Notes
PLC control	Field instruments	10 selected	4–20 mA
PLC control	4–20 mA inputs	10 used / 12 fitted	2 spare
PLC control	Digital inputs	0 used / 12 fitted	12 spare
PLC control	Relay outputs	0 used / 12 fitted	12 spare
PLC control	PLC programming	Coolmay VTool Pro	Assigned · Use the PLC project profile for the selected CPU and confirm the version for its firmware.

Equipment schedule

Qty	Equipment and options	SKU	Unit AUD	Line AUD

Qty	Equipment and options	SKU	Unit AUD	Line AUD
1	**Coolmay L02S-24R · PS-PSA-L02S-24R** 24R · 12 onboard digital inputs and 12 relay outputs. RS485 / Modbus RTU.	PS-PSA-L02S-24R	$650.00	$650.00
3	**PS-L02S-4AD · 4 analogue inputs** Local L02S-24R expansion.	PS-L02S-4AD	$355.00	$1,065.00
10	**Pressure transmitter** 4–20 mA. Select pressure range, process connection and wetted material.. Slot 1–2 PS-L02S-4AD · AI 1–4 each · Slot 3 PS-L02S-4AD · AI 1–2	Confirm	Quote	Quote

Confirm tax, freight, services and current prices in the quote.

System architecture

Local expansion rail

Field instruments
Wired instruments

Local I/O rail
Expansion modules
From previous stage · Field wiring

Control
Coolmay L02S-24R
From previous stage · Local expansion bus

Connection and equipment details

Route	Stage and connection
Local expansion rail	**1. Wired instruments** 4–20 mA · 10 devices
	2. Expansion modules · Field wiring Slot 1–3 · PS-L02S-4AD · 4 4–20 mA inputs per module
	3. Coolmay L02S-24R · Local expansion bus Coolmay VTool Pro

Signal schedule

Instrument	Qty	Signal	Destination
Pressure transmitter	10	4–20 mA	Slot 1–2 PS-L02S-4AD · AI 1–4 each · Slot 3 PS-L02S-4AD · AI 1–2

Software and integrations

Software / role	Applies to	Status and setup
Coolmay VTool Pro PLC programming	Coolmay L02S-24R	**Assigned** Use the PLC project profile for the selected CPU and confirm the version for its firmware.

Product specifications and manuals

Open the linked references for complete product specifications and confirm the ordered variant.

Product and order option	References

Product and order option	References
Coolmay L02S-24R · PS-PSA-L02S-24R · PS-PSA-L02S-24R · 24R	Product specification Coolmay L02S series specification
PS-L02S-4AD · 4 analogue inputs · PS-L02S-4AD	Product specification
Pressure transmitter · Confirm on order	Product specification

Design and quotation checks

- Verify panel DC load, field-loop supply, CPU firmware and I/O wiring against the ordered variants.

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