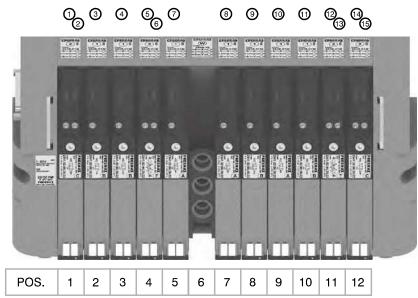


37 PIN Connector correspondence for valves assembled on mixed bases



PIN	1	=	PILOT 14 SV POS 1
PIN	2	=	PILOT 12 SV POS.1
ΡN	3	=	PILOT 14 SV POS 2
ΡN	4	=	PILOT 14 SV POS.3
ΡN	5	=	PILOT 14 SV POS.4
ΡN	6	=	PILOT 12 SV POS.4
ΡN	7	=	PILOT 14 SV POS.5
PIN	8	=	PILOT 14 SV POS.7
ΡN	9	=	PILOT 14 SV POS.8
ΡN	10	=	PILOT 14 SV POS.9
PIN	11	=	PILOT 14 SV POS.10
ΡN	12	=	PILOT 14 SV POS.11
ΡN	13	=	PILOT 12 SV POS.11
ΡN	14	=	PILOT 14 SV POS.12
ΡN	15	=	PILOT 12 SV POS 12

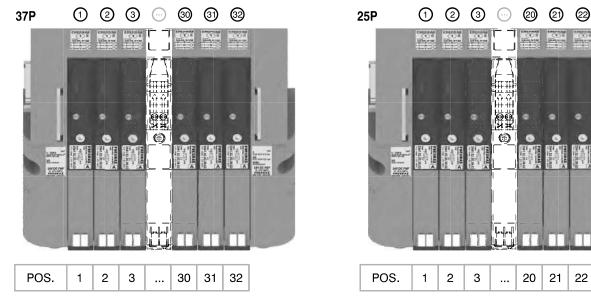
37 PIN Connector correspondence for manifold mounted on bases for bistable valves

	0 2	3 4	5	7 8	9 ₁₀		(1)	13 14	15 16	1 7	19 ₂₀	ଥ୍ୟ		
		CONCEPTION OF THE OWNER OWNE					Color and Color		CHEADING (D) II (D) III	CARDINAL (P)U Maranna U 2000				
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	Wandard W	للصفطا	ilenischi i		العينية ا			i ilente di	السلستان	links)	(Seeincell	المشطا		
POS.	1	2	3	4	5	6	7	8	9	10	11	12		

PIN	1	=	PILC	т	14	SF	os	.1	
ΡIN	2	=	PILC	т	12	sv	PO	S.1	
PIN	3	=	PILC	т	14	sv	PO	S.2	
PIN	4	=	NOT	- C	ON	INE	СТ	ED	
PIN	5	=	PILC	т	14	sv	PO	S.3	
PIN	6	=	NOT	C	ON	INE	CT	ED	
PIN	7	=	PILC	ЭT	14	s٧	PO	S.4	
ΡİΝ	8	=	PILC	ЭT	12	S٧	PO	S.4	
PIN	9	=	PILC)T	14	S٧	PO	S.5	
PIN	10	=	NOT	C	ON	INE	СТ	ED	
PIN	11	=	PILC)T	14	S٧	PO	S.7	
PIN	12	=	NOT	C	ON	INE	CT	ED	
PIN	13	=	PILC	ЭT	14	S٧	PO	S.8	
PIN	14	=	NOT	- C	ON	INE	СТ	ED	
PIN	15	=	PILC	ЭT	14	S٧	PO	S.9	
PIN	16	=	NOT	- C	ON	INE	CT	ED	
ΡİΝ	17	=	PILC	ЭT	14	S٧	PO	S.10)
PIN	18	=	NOT	C	ON	INE	CT	ED	
PIN	19	=	PILC	ЭT	14	S٧	PO	S.1	1
PIN	20	=	PILC)T	12	S٧	PO	S.1	1
PIN	21	=	PILC	ЭT	14	S٧	PO	S.12	2
PIN	22	=	PILC	т	12	sv	PO	S.12	2

22

37 PIN Connector correspondence for manifold for 32 position manifold with monostable valves on base



Overall dimensions and technical information are provided solely for informative purposes and may be modified without notice



General :

Using the 2540.03.25P output terminal it is possible to make any electrical signals not used by valves available on a 25 sub-D female connector at the right end of the manifold. It is possible to then join a multi-core cable to link to the next manifold, or connect directly to one or two I/O modules.

The I/O modules can accept input or output signals, depending upon what is connected.

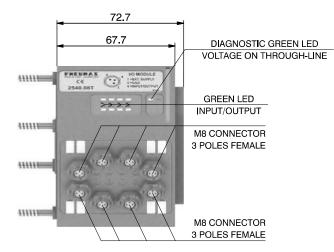
Please note: If the manifold is connected by a multi-core connection, each connection can be used as either an input or an output, while if the manifold is connected to a serial node the connections can only be used as an output.

It is possible to connect the manifold to up to two I/O modules.

Each I/O module includes 8 diagnostic LEDs which indicate the presence of an Input / Output signal for each connector.

Please note: For an LED to function, a signal of at least +15VDC must be present on pin 4 of the connector. If this signal is lower, the LED will not light, this does not compromise the normal Input/Output function of the unit.

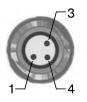
Overall dimensions and $\ensuremath{\mathrm{I/O}}$ layout :



Ordering code

2540.08T





PIN	DESCRIPTION
1	+24 VDC
4	INPUT/OUTPUT
3	GND

Input features:

Each connection can accept either two wire (switches, magnetic switches, pressure switches, etc.) or three wire connections (photocells, electronic end of stroke sensors, etc.) If +24VDC is required on at Pin 1 of each connector, it is possible to provide this via the through-line pin of the multi-pole connector.

Overall dimensions and technical information are provided solely for informative purposes and may be modified without notice

I.E : Pin 25 of the 25 pin multi-pole connector (code 2540.02.25P or 2540.12.25P)

> General characteristics

Pin 36-37 of the 37 pin multi-pole connector (code 2540.02.37P or 2540.12.37P)

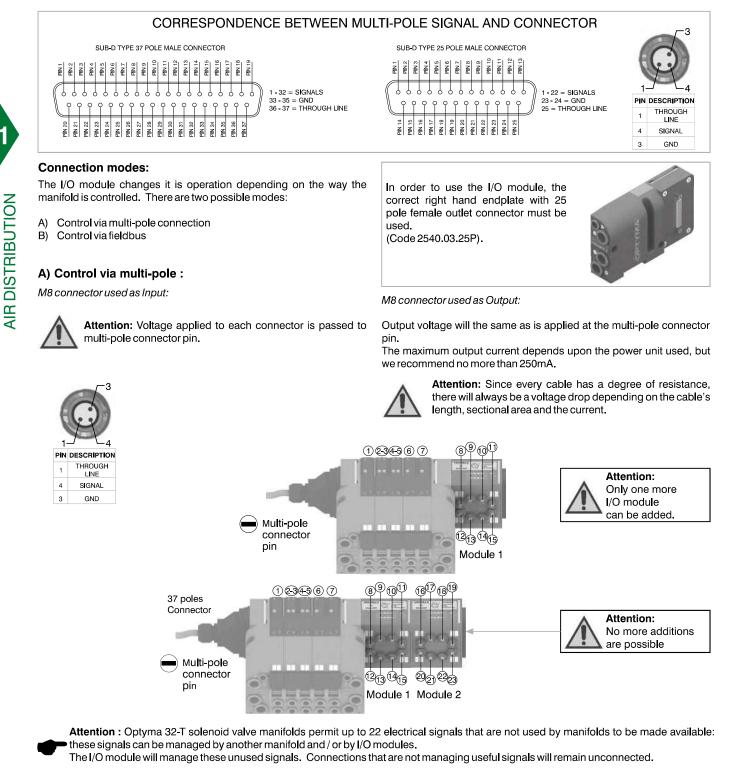
Output features:

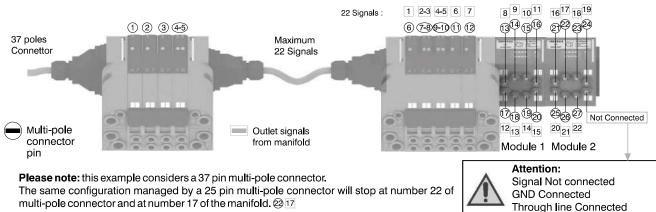


Attention: The output connections are not protected against short-circuit. Please pay attention when wiring (avoid Pin 4 being connected to Pin 3 or Pin 1).

Model	2540.08T					
Case	Reinforced technopolymer					
I/O Connector	M8 connector 3 poles female (IEC 60947-5-2)					
PIN 1 voltage	Du the user					
(connector used as Input)	By the user					
PIN 4 voltage diagnosis	Green Led					
Node consumption (Outlets excluded)	7mA per each LED with 24 VDC signal					
Outlets voltage	+23,3 VDC (serial) /by the user (multipolar)					
Input voltage	Depend by the using					
Maximum outlet current	100 mA (serial) / 400 mA (multipolar)					
Maximum Input/Output	8 per module					
Multiconnector max. Current	100 mA					
Connections to manifold	Direct connection to 25 poles connector					
Maximum n. of moduls	2					
Protection degree	IP65 when assembled					
Ambient temperature	from -0° to $+50^{\circ}$ C					



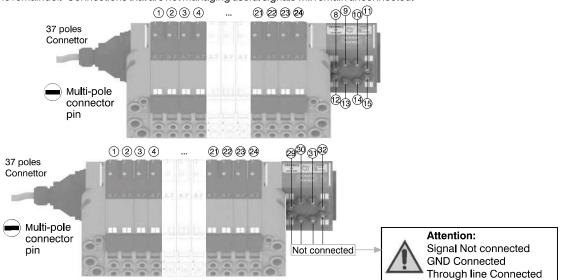




Overall dimensions and technical information are provided solely for informative purposes and may be modified without notice



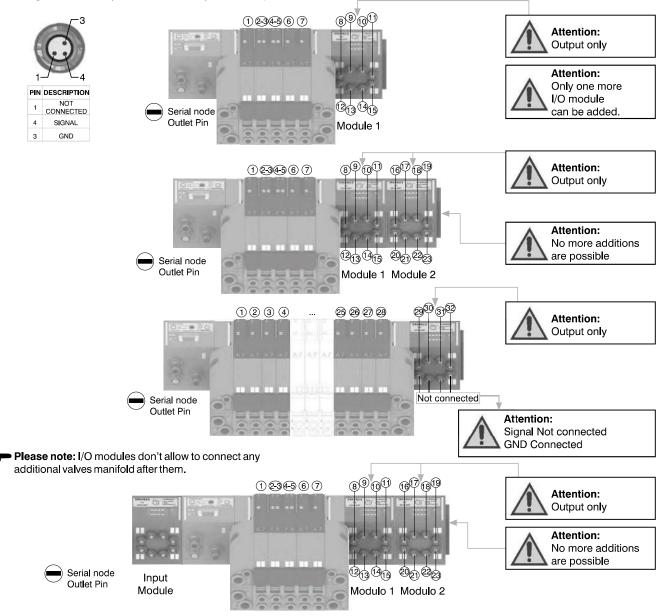
Please note: Optyma 32-T solenoid valve manifolds manage up to 32 signals. If the manifold uses more than 24 signals the I/O module will manage only the remainder. Connections that are not managing useful signals will remain unconnected.



B) Control via fieldbus:

With this kind of control the I/O module can only be used as an output. Pin 1 of each connector is not connected. The output voltage will be 0.7V lower than that applied to Pin 4 of the connector.

The maximum output current for each output is 100mA. The correspondence between control byte and each single output depends on how many electrical signals are used by the manifold and by the relative position of the I/O module.



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