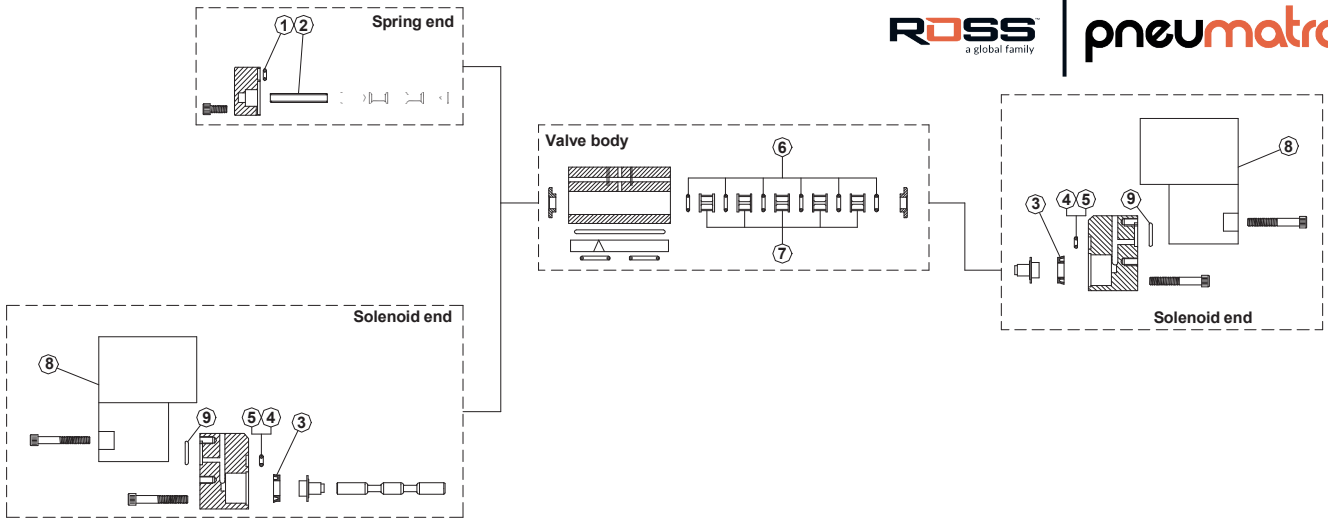


Spares Information - Product T25, 'P' Series

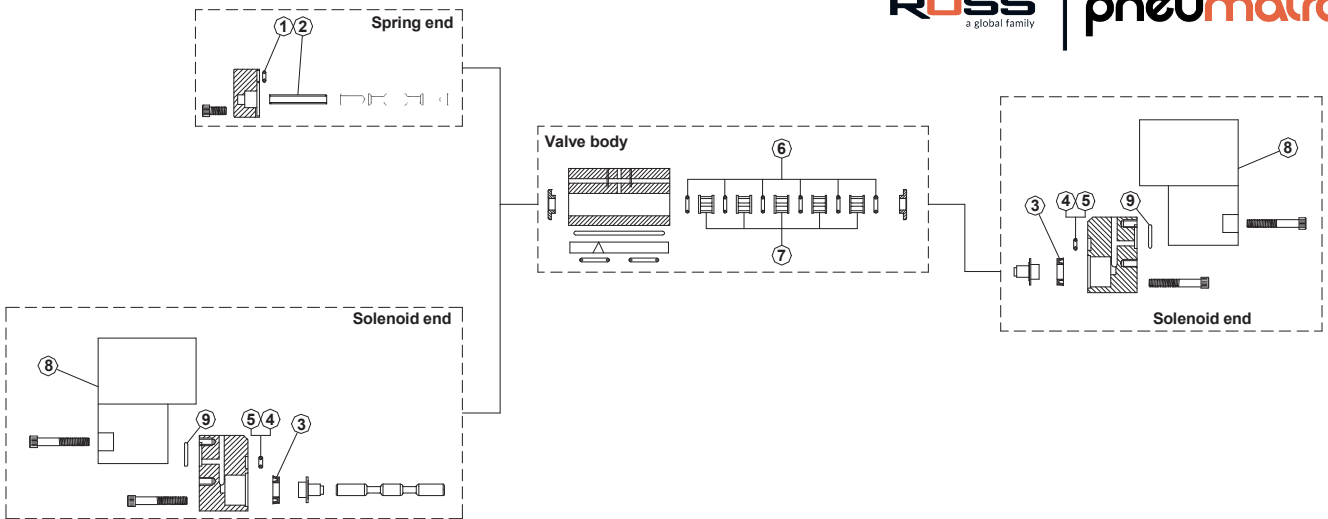


Item 8					
Safe area coil assemblies			Hazardous area coil assemblies		
Coil type	Voltage	Part code	Coil type	Voltage	Part code
			EExia	24v DC	E13AXRA00BA
Terminal Box	24v DC	E13AXRB00B	EExd	24v DC	E13AXRD00BA
	110v AC	E13AXRB00T		110v AC	E13AXRD00TA
	240v AC	E13AXRB00U		240v AC	E13AXRD00UA
MC30	24v DC	E13AXRK00B	EExm	24v DC	E13AXR900BA
	110v AC	E13AXRK00T		110v AC	E13AXR900TA
	240v AC	E13AXRK00U		240v AC	E13AXR900UA
Plug & Socket	24v DC	E13AXRP00B	ExN	24v DC	E13AXRN00BA
	110v AC	E13AXRP00T		110v AC	E13AXRN00TA
	240v AC	E13AXRP00U		240v AC	E13AXRN00UA

Spares parts kit	Consisting of	Item	Quantity
VSKT25P	Seal	1	1
	Spring	2	1
	Cup seal	3	2
	Seal*	4	2
	Blanking Disc*	5	2
	Seal	6	6
	Spacer	7	5
	Gasket	9	2

Note 1: Not all parts are required for each individual valve.
 Note 2:* Item 4 is used for internally piloted valves.
 Item 5 is used for externally piloted valves.

Spares Information - Product T25, 'P' Series



Item 8					
Safe area coil assemblies			Hazardous area coil assemblies		
Coil type	Voltage	Part code	Coil type	Voltage	Part code
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Note 1: Not all parts are required for each individual valve.
 Note 2:* Item 4 is used for internally piloted valves.
 Item 5 is used for externally piloted valves.

Installation and Maintenance - Product T25, 'P' Series

Part Codes

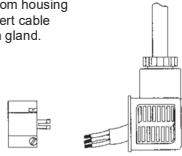
T2518P****	Solenoid / Spring, Internally Piloted
T2580P****	Solenoid / Spring, Externally Piloted
T2519P****	Solenoid / Solenoid, Internally Piloted
T2590P****	Solenoid / Solenoid, Externally Piloted

Electrical Connections

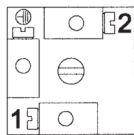
Electrical connections vary depending on the coil type fitted to the valve. The principle alternatives are either Plug and Socket or Conduit Entry.

Plug and Socket Coils

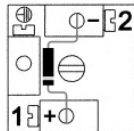
Push out connection block from housing and insert cable through gland.



Electrical connections are made to terminals 1,2 and earth if necessary. When a surge suppression diode has been fitted, ensure that terminal 1 is positive and terminal 2 is negative.



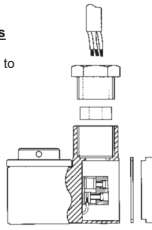
Top view without Surge suppression diode.



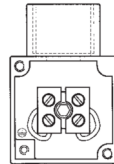
Top view with Surge suppression diode.

Conduit Entry Coils (terminal box coils)

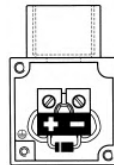
Remove cover plate to allow access to terminal block and insert cable through gland and bush.



Electrical connections are made to the two terminals and earth if necessary. When a surge suppression diode has been fitted, the terminals will be polarity sensitive. Ensure correct connection.



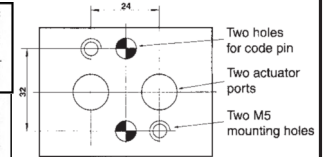
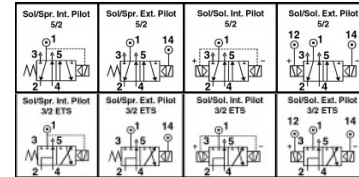
Top view without Surge suppression diode.



Top view with Surge suppression diode.

Installation

The NAMUR interface allows the valve to be mounted directly on to pneumatically operated valve actuators meeting the NAMUR standard fixing dimensions, without the need for special piping or bracketing. A code pin (fitted to the actuator) ensures that the valve will always be mounted correctly.



Air supply requirements

Filtration & Lubrication

The supply air shall be clean, dry and free from water, moisture, foreign parts and debris. It is recommended that a <40µm filter/regulator be installed as close to the valve as possible to ensure proper supply air quality. The air supply can be either lubricated or non-lubricated. In the case of lubricated air being used, the recommended oil types are ISO and UNI FD22 (Energol HPL ~ Spinesso ~ Mobil DTE ~ Telles Oil).

Air Pressure Range Table	Internal Pilot Sol. / Spring	External Pilot Sol. / Spring	Internal Pilot Sol. / Sol.	External Pilot Sol. / Sol.
Working Pressure (p.s.i.)	45 to 150	0 to 150	22 to 150	0 to 150
Working Pressure (Bar)	3 to 10	0 to 10	1.5 to 10	0 to 10
Min. Pilot Pressure (p.s.i.)	N/A	45	N/A	22
Min. Pilot Pressure (Bar)	N/A	3	N/A	1.5

Connections

Pneumatic Connections

The mains air connection is tapped for G1/4 or 1/4" NPT male connectors and is clearly marked with number 1. The two exhaust ports are also tapped for G1/4 or 1/4" NPT male connectors and are marked with numbers 3 and 5. (see pneumatic symbols at top of page.) Note that if ports are tapped NPT then the body will be stamped with 'NPT' to identify this variation.

Electrical connections

For electrical connection details and information please refer to the back of this sheet.

Sheet Ref. T25P

Installation and Maintenance - Product T25, 'P' Series

Part Codes

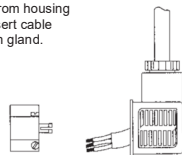
T2518P****	Solenoid / Spring, Internally Piloted
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T2519P****	Solenoid / Solenoid, Internally Piloted
T2590P****	Solenoid / Solenoid, Externally Piloted

Electrical Connections

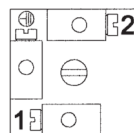
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Plug and Socket Coils

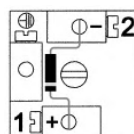
Push out connection block from housing and insert cable through gland.



Electrical connections are made to terminals 1,2 and earth if necessary. When a surge suppression diode has been fitted, ensure that terminal 1 is positive and terminal 2 is negative.



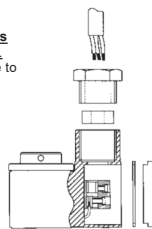
Top view without Surge suppression diode.



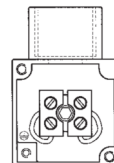
Top view with Surge suppression diode.

Conduit Entry Coils (terminal box coils)

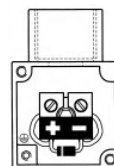
Remove cover plate to allow access to terminal block and insert cable through gland and bush.



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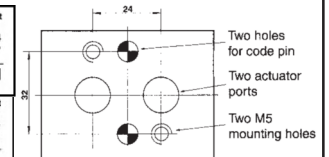
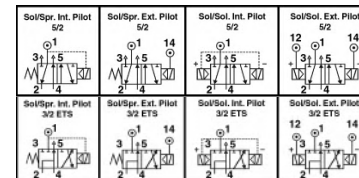
Top view without Surge suppression diode.



Top view with Surge suppression diode.

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Electrical connections

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Sheet Ref. T25P