

# Short Form Catalogue

# 2009/2010

















World Leader in
Design and Production of
Customised OEM Valves

# Welcome to Nymet

Our Business originated in Australia during the 1960's manufacturing OEM valves for domestic appliances such as washing machines and dishwashers.

Over the years the range has expanded to include valves for many industries and applications. Acquired by Nymet in the year 2000, we continue the tradition of quality manufacturing as a specialist niche market manufacturer.

In 2008 we proudly opened an additional manufacturing facility in Singapore. This facility has an annual production capacity of one million valves.

With our in-house design engineering team from Europe, Australia and Asia, Nymet can design, prototype and manufacture customised valves with significantly reduced lead-times.

So whether you require a standard valve from our existing range, or a fully customised OEM valve, Nymet is your quality partner. Through our global network of offices, representatives and distribution partners, local representation is never far away, and distribution opportunities still exist in some countries.

We are pleased to submit our Short Form Catalogue to you. Detailed technical information on each Series of valves is available in separate publications.



# General Index



1 >Series A 3/4'' BSP Inlet (Male) - 3/4'' BSP Outlet (Male)



2 > Series B  $\qquad 3/4"$  BSP Inlet (Male) - 3/4" Barb Outlet



3 >Series C 3/4" BSP Inlet (Male) - 1/2" Barb Outlet



4 >Series D 3/4'' BSP Inlet (Male) - 10.5mm Barb Outlet



5 >Series E 3/4" BSP Inlet (Male) - 10.5mm Barb Outlet Inline



6 >Series F 3/4" BSP Inlet (Male) - 10.5mm Barb Outlet Right Angle



7 >Series G 3/4'' BSP Inlet (Male) - 1/2'' Barb Outlet Right Angle



8 >Series H 1/2" BSP Inlet (Male) - 1/2" BSP Outlet (Female)



9 >Series J 3/4" BSP Inlet (Male) - 16mm Barb Outlet



10 >Series K  $2 \times 5/8"$  Barb Inlet -  $1 \times 3/4"$  Barb Outlet



11 > Series L 3/8" BSP Inlet (Female) - 3/8" BSP Outlet (Female)

# General Index



12 >Series M 3/8" BSP Inlet (Male) - 5/8" Barb Outlet



13 >Series N 1'' BSP Inlet (Female) - 1'' BSP Outlet (Female)



14 >Series P 1/2'' BSP Inlet (Male) -  $2 \times 1/2''$  BSP Outlet (Male)



15 >Series Q 1/2'' BSP Inlet (Male) - 1/2'' BSP Outlet (Female) (Direct Acting)



16 >Series R 3/4" BSP Inlet (Male) - 3/4" BSP Outlet (Male) High Flow



17 >Series S 3/4" BSP Inlet (Male) - 3/4" Barb Outlet High Flow



18 > Series T 1/2" BSP Inlet (Female) - 1/2" BSP Outlet (Male)



19 > Series U 1/2" BSP Inlet (Female) - 1/2" Barb Outlet



20 > Series V 1" BSP Inlet (Manifold) - 1" BSP Outlet (Female)



21 >Series Y 3/4'' BSP Inlet (Male) - 3/4'' BSP Outlet (Male) High Flow Manifold



22 >Series Z 3/4'' BSP Inlet (Male) - 3/4'' Barb Outlet High Flow Manifold



# Solenoid Valves SERIES A

3/4" BSP Inlet (Male) - 3/4" BSP Outlet (Male)



## **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

#### **Temperature Range**

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# **Media Types**

• Air, Water, Light Oil

#### **CODING EXAMPLE**

CUS AB -T000 -NS

Α SERIES

BODY COLOUR  $\mathbf{B} = \mathsf{Black}$ 

2

COIL VOLTAGE 0 = 6 to 12V 1 = 12V 2 = 24V 4 = 100 to 120V (50/60Hz) 5 = 220 to 240V (50/60Hz)

ALTERNATING OR DIRECT CURRENT Α **>>** 

A = AC D = DC

COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)

0 = 0 Degrees 1 = 90 Degrees 2 = 180 Degrees 3 = 270 Degrees

COIL COLOUR В W = White

ELECTRICAL CONNECTION TYPE **T** = 6.3mm QC tab (not leaded)

D = DIN connector

L = Wire Leads

0 >> WIRE LEAD LENGTH (Applies to Electrical Connection Type L only)

3 = 300mm 4 = 350mm 0 = Not Applicable 1 = 100 mm2 = 180 mm5 = 800 mm

6 = 1850 mm7 = 500 mm

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only)

0 = Not Applicable1 = Black 3 = Brown4 = Red6 = White 8 = Black/Red 2 = Blue9 = 2 Core Black Sheath (Black/Red)

WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only)

0 = Not Applicable1 = Cut not stripped 3 = Stripped 10mm 9 = 4.8mm QC Receptical (Insulated)

2 = Stripped 6mm

VALVE OPERATING TYPE

O = Normally Open
C = Normally Closed L = Latching P = Proportional

REGULATOR

С

A = 3 litres/minute B = 4 litres/minute C = 8 litres/minute D = 12 litres/minute E = 16 litres/minute U = U unregulated

S

ELASTOMER PROPERTIES \$ = Standard (for use with water & air only) V = Chemical Resistant (internal Viton components)

Ν INSERT MARKINGS

X = Customer Specified Insert N = Nymet Standard Insert

PACKAGING



## Solenoid Valves SERIES B

3/4" BSP Inlet (Male) - 3/4" Barb Outlet



## **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

#### **Temperature Range**

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# **Media Types**

• Air, Water, Light Oil

6 = 1850mm

7 = 500 mm

6 = White

8 = Black/Red

#### **CODING EXAMPLE**

L499 -XS BB -1D3B CDV

- В SERIES
- BODY COLOUR  $\mathbf{B} = \mathsf{Black}$
- COIL VOLTAGE

0 = 6 to 12V1 = 12V

3 = 48V 4 = 100 to 120V (50/60Hz)2 = 24V5 = 220 to 240 V (50/60 Hz)

ALTERNATING OR DIRECT CURRENT D >>

A = ACD = DC

COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise) 0=0 Degrees 2=180 Degrees 3

1 = 90 Degrees **3** = 270 Degrees

- COIL COLOUR В  $\mathbf{B} = \mathsf{Black}$

ELECTRICAL CONNECTION TYPE T = 6.3mm QC tab (not leaded)

D = DIN connector

L = Wire Leads

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only)

0 = Not Applicable 1 = 100mm 3 = 300mm 4 = 350mm 2 = 180 mm5 = 800 mm

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only)

0 = Not Applicable 1 = Black 3 = Brown4 = Red

2 = Blue9 = 2 Core Black Sheath (Black/Red)

9 WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only) 0 = Not Applicable 3 = Stripped 10mm

9 = 4.8mm QC Receptical (Insulated) 1 = Cut not stripped

2 = Stripped 6mm

VALVE OPERATING TYPE L = Latching

O = Normally Open C = Normally Closed

P = Proportional

D REGULATOR

C

A = 3 litres/minute B = 4 litres/minute C = 8 litres/minute E = 16 litres/minute D = 12 litres/minute U = Unregulated

**ELASTOMER PROPERTIES** 

S = Standard (for use with water & air only) V = Chemical Resistant (internal Viton components)

INSERT MARKINGS

X = Customer Specified Insert N = Nymet Standard Insert

PACKAGING



# Solenoid Valves SERIES C

3/4" BSP Inlet (Male) - 1/2" Barb Outlet



## **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

#### **Temperature Range**

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# **Media Types**

• Air, Water, Light Oil

#### **CODING EXAMPLE**

**5A3B** L243 -CUS CB -

С SERIES

BODY COLOUR  $\mathbf{B} = \mathsf{Black}$ 

5

COIL VOLTAGE 0 = 6 to 12V 1 = 12V 2 = 24V 4 = 100 to 120V (50/60Hz) 5 = 220 to 240V (50/60Hz)

ALTERNATING OR DIRECT CURRENT

**A** = AC D = DC P = Pulse

COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise) 0=0 Degrees 2=180 Degrees 3

1 = 90 Degrees

**3** = 270 Degrees

В COIL COLOUR  $\mathbf{B} = \mathsf{Black}$ 

ELECTRICAL CONNECTION TYPE
T = 6.3mm QC tab (not leaded)
D = DIN connector

L = Wire Leads

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only)

0 = Not Applicable 1 = 100mm 3 = 300mm 4 = 350mm

**2** = 180mm

5 = 800 mm

6 = 1850 mm7 = 500 mm

6 = White 8 = Black/Red

9 = 2 Core Black Sheath (Black/Red)

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only)

0 = Not Applicable 1 = Black

3 = Brown4 = Red

5 = Yellow

WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only) 0 = Not Applicable 3 = Stripped 10mm

1 = Cut not stripped 9 = 4.8mm QC Receptical (Insulated)

2 = Stripped 6mm

VALVE OPERATING TYPE

O = Normally Open L = Latching C = Normally Closed P = Proportional

>> REGULATOR U

3

С

A = 3 litres/minute B = 4 litres/minute C = 8 litres/minute D = 12 litres/minute

E = 16 litres/minute  $\mathbf{U} = \text{Unregulated}$ 

ELASTOMER PROPERTIES

 $\boldsymbol{\$} = \textbf{Standard}$  (for use with water & air only)

 $V = \hbox{Chemical Resistant (internal Viton components)}$ 

INSERT MARKINGS

X = Customer Specified Insert N = Nymet Standard Insert

PACKAGING



# Solenoid Valves SERIES D

3/4" BSP Inlet (Male) - 10.5mm Barb Outlet



## **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

#### **Temperature Range**

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# **Media Types**

• Air, Water, Light Oil

7 = 500 mm

#### **CODING EXAMPLE**

**2A3B** T000 -DB -

D SERIES

BODY COLOUR  $\mathbf{B} = \mathsf{Black}$ 

2 COIL VOLTAGE

0 = 6 to 12V1 = 12V3 = 48V 4 = 100 to 120V (50/60Hz)**2** = 24V 5 = 220 to 240 V (50/60 Hz)

ALTERNATING OR DIRECT CURRENT Α **>>** 

A = AC D = DC

COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)

0 = 0 Degrees 1 = 90 Degrees 2 = 180 Degrees 3 = 270 Degrees

COIL COLOUR В

W = White

ELECTRICAL CONNECTION TYPE

T = 6.3mm QC tab (not leaded) D = DIN connector

L = Wire Leads

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only) 0

0 = Not Applicable 1 = 100mm 3 = 300mm 4 = 350mm 2 = 180 mm5 = 800 mm

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only) 0 = Not Applicable1 = Black 3 = Brown6 = White 4 = Red

8 = Black/Red 2 = Blue9 = 2 Core Black Sheath (Black/Red)

WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only)  ${\bf 0}=$  Not Applicable  ${\bf 3}=$  Stripped 10mm 0

1 = Cut not stripped 9 = 4.8mm QC Receptical (Insulated) 2 = Stripped 6mm

VALVE OPERATING TYPE

O = Normally OpenC = Normally Closed L = LatchingP = Proportional

» REGULATOR

**A** = 3 litres/minute B = 4 litres/minute C = 8 litres/minute D = 12 litres/minute E = 16 litres/minute  $\mathbf{U} = \text{Unregulated}$ 

ELASTOMER PROPERTIES

S = Standard (for use with water & air only) V = Chemical Resistant (internal Viton components)

Ν INSERT MARKINGS

X = Customer Specified Insert N = Nymet Standard Insert

PACKAGING



# Solenoid Valves SERIES E

3/4" BSP Inlet (Male) - 10.5mm Barb Outlet Inline



## **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

# Temperature Range

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# Media Types

• Air, Water, Light Oil

## **CODING EXAMPLE**

EW - 5A3W - T000 - CBV - XS

E » SERIES

 $\begin{array}{ccc} \textbf{W} & \textbf{\gg} & \text{BODY COLOUR} \\ & \textbf{B} = \textbf{Black} \\ & \textbf{W} = \textbf{White} \end{array}$ 

5 » COIL VOLTAGE 0 = 6 to 12V 1 = 12V

0 = 6 to 12V 3 = 48V 1 = 12V 4 = 100 to 120V (50/60Hz) 2 = 24V 5 = 220 to 240V (50/60Hz)

A » ALTERNATING OR DIRECT CURRENT

A = AC D = DC

3 » COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)

0 = 0 Degrees 2 = 180 Degrees 1 = 90 Degrees 3 = 270 Degrees 2 = 270 Degrees 3 = 270 Degrees

W >> COIL COLOUR
B = Black
W = White

T » ELECTRICAL CONNECTION TYPE T = 6.3 mm QC tab (not leaded)

 $\begin{array}{ccc} \textbf{0} & \textbf{ >>} & \text{WIRE LEAD LENGTH (Applies to Electrical Connection Type L only)} \\ & \textbf{0} & = \text{Not Applicable} \\ \end{array}$ 

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only)
 Not Applicable

0 WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only) 0 = Not Applicable

...

C » VALVE OPERATING TYPE C = Normally Closed

B » REGULATOR

A = 3 litres/minute D = 12 litres/minute

V » ELASTOMER PROPERTIES

 ${\tt S=Standard\,(for\,use\,\,with\,\,water\,\,\&\,\,air\,\,only)}\qquad \quad {\tt V=Chemical\,\,Resistant\,(internal\,\,Viton\,\,components)}$ 

X » INSERT MARKINGS

N = Nymet Standard Insert X = Customer Specified Insert

S » PACKAGING



# Solenoid Valves SERIES F

3/4" BSP Inlet (Male) - 10.5mm Barb Outlet Right Angle



#### **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

# Temperature Range

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# Media Types

• Air, Water, Light Oil

# **CODING EXAMPLE**

5A3W T000 -FW -**CEV** XS

>> SERIES

W BODY COLOUR B = Black **W** = White

5 COIL VOLTAGE

0 = 6 to 12V 1 = 12V 2 = 24V4 = 100 to 120V (50/60Hz) 5 = 220 to 240V (50/60Hz)

ALTERNATING OR DIRECT CURRENT Α

 $\mathbf{A} = AC$ D = DC

COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise) 0=0 Degrees 2=180 Degrees 1=90 Degrees 3=270 Degrees 3

W COIL COLOUR

ELECTRICAL CONNECTION TYPE T = 6.3mm QC tab (not leaded)

W = White

0 WIRE LEAD LENGTH (Applies to Electrical Connection Type L only) 0 = Not Applicable

0 WIRE LEAD COLOUR (Applies to Electrical Connection Type L only) 0 = Not Applicable

0 WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only) 0 = Not Applicable

VALVE OPERATING TYPE С  $\mathbf{C} = \text{Normally Closed}$ 

>> REGULATOR Е

A = 3 litres/minute C = 8 litres/minute **E** = 16 litres/minute D = 12 litres/minute B = 4 litres/minute U = Unregulated

V **ELASTOMER PROPERTIES** 

S = Standard (for use with water & air only) V = Chemical Resistant (internal Viton components)

>> INSERT MARKINGS Χ

 $\mathbf{X} = \text{Customer Specified Insert}$ 

S PACKAGING



# Solenoid Valves SERIES G

3/4" BSP Inlet (Male) - 1/2" Barb Outlet Right Angle



## **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

# Temperature Range

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# Media Types

• Air, Water, Light Oil

# **CODING EXAMPLE**

5A3W T000 -GW -CCV XX

G >> SERIES

W BODY COLOUR B = Black **W** = White

5

COIL VOLTAGE 0 = 6 to 12V 1 = 12V

3 = 48V 4 = 100 to 120V (50/60Hz)2 = 24V **5** = 220 to 240V (50/60Hz)

ALTERNATING OR DIRECT CURRENT Α

COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise) 3

2 = 180 Degrees 3 = 270 Degrees 1 = 90 Degrees

COIL COLOUR W

B = Black $\mathbf{W} = White$ 

ELECTRICAL CONNECTION TYPE T = 6.3mm QC tab (not leaded)

0 WIRE LEAD LENGTH (Applies to Electrical Connection Type L only) 0 = Not Applicable

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only)

0 0 = Not Applicable

0 WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only) 0 = Not Applicable

С VALVE OPERATING TYPE C = Normally Closed

>> REGULATOR С

B = 4 litres/minute

E = 16 litres/minute U = Unregulated D = 12 litres/minute

V **ELASTOMER PROPERTIES** 

S = Standard (for use with water & air only) V = Chemical Resistant (internal Viton components)

>> INSERT MARKINGS Χ

 $\mathbf{X} = \text{Customer Specified Insert}$ 

Χ



# Solenoid Valves SERIES H

1/2" BSP Inlet (Male) - 1/2" BSP Outlet (Female)



## **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

# Temperature Range

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# Media Types

• Air, Water, Light Oil

6 = 1850mm

7 = 500mm

6 = White 8 = Black/Red

#### **CODING EXAMPLE**

D000 - LCS -OP3B HB -

Н SERIES

BODY COLOUR

 $\mathbf{B} = \mathsf{Black}$ 

W = White

D = Black Drill/Tap 1/4" BSP

0 COIL VOLTAGE

**0** = 6 to 12V 1 = 12V

4 = 100 to 120 V (50/60 Hz)5 = 220 to 240 V (50/60 Hz)

ALTERNATING OR DIRECT CURRENT

A = ACD = DC

3 COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)

0 = 0 Degrees 1 = 90 Degrees 2 = 180 Degrees 3 = 270 Degrees

COIL COLOUR

 $\mathbf{B} = \mathsf{Black}$ 

W = White

ELECTRICAL CONNECTION TYPE T = 6.3mm QC tab (not leaded) D

**D** = DIN connector

L = Wire Leads

0 WIRE LEAD LENGTH (Applies to Electrical Connection Type L only)

0 = Not Applicable 3 = 300 mm

2 = 180 mm5 = 800 mm

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only)

0 = Not Applicable1 = Black 3 = Brown4 = Red

5 = Yellow 9 = 2 Core Black Sheath (Black/Red)

0 WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only)

0 = Not Applicable 3 = Stripped 10mm 1 = Cut not stripped 9 = 4.8mm QC Receptical (Insulated)

2 = Stripped 6mm

VALVE OPERATING TYPE

O = Normally Open L = LatchingC = Normally Closed P = Proportional

С >> REGULATOR

0

L

>>

3 litres/minute B=4 litres/minute D = 12 litres/minute U = Unregulated

S ELASTOMER PROPERTIES

\$ = Standard (for use with water & air only)V = Chemical Resistant (internal Viton components)

INSERT MARKINGS

N = Nymet Standard Insert X = Customer Specified Insert

Х PACKAGING



# Solenoid Valves SERIES J

3/4" BSP Inlet (Male) - 16mm Barb Outlet



## **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

#### **Temperature Range**

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# **Media Types**

• Air, Water, Light Oil

6 = 1850 mm

7 = 500 mm

#### **CODING EXAMPLE**

ID3B L791 -CAS NS JB -

J SERIES

BODY COLOUR  $\mathbf{B} = \mathsf{Black}$ W = White

COIL VOLTAGE

0 = 6 to 12V1 = 12V

4 = 100 to 120 V (50/60 Hz)2 = 24V5 = 220 to 240 V (50/60 Hz)

ALTERNATING OR DIRECT CURRENT D

A = AC $\mathbf{D} = DC$ 

3 COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)

2 = 180 Degrees 1 = 90 Degrees **3** = 270 Degrees

В COIL COLOUR **B** = Black  $\mathsf{W} = \mathsf{White}$ 

ELECTRICAL CONNECTION TYPE L

D = DIN Connector

L = Wire Leads

7 WIRE LEAD LENGTH (Applies to Electrical Connection Type L only) >>

3 = 300mm 4 = 350mm 5 = 800mm 0 = Not Applicable 1 = 100 mm2 = 180 mm

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only) 9

0 = Not Applicable 3 = Brown6 = White 1 = Black 4 = Red

8 = Black/Red 9 = 2 Core Black Sheath (Black/Red) 5 = Yellow2 = Blue

WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only)  $0=\mathrm{Not}\,\mathrm{Applicable}$  3 = Stripped 10mm 1

1 = Cut not stripped 9 = 4.8mm QC Receptical (Insulated)

2 = Stripped 6mm

С VALVE OPERATING TYPE

O = Normally Open
C = Normally Closed

REGULATOR Α

E = 16 litres/minute D = 12 litres/minute U = Unregulated B = 4 litres/minute

S ELASTOMER PROPERTIES

 $\mathbf{S} = \mathbf{Standard}$  (for use with water & air only) V = Chemical Resistant (internal Viton components)

Ν INSERT MARKINGS

N = Nymet Standard Insert X = Customer Specified Insert

 $\boldsymbol{\$} = \textbf{Standard Export Packaging}$ X = Customer Specified Packaging



# Solenoid Valves SERIES K

2 x 5/8" Barb Inlet - 1 x 3/4" Barb Outlet



Pressure Range

• 20kPa (3psi) - 1250kPa (180psi)

#### **Temperature Range**

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# **Media Types**

• Air, Water, Light Oil

## **CODING EXAMPLE**

5A2W T000 - CUS -NX KB -

K >> SERIES

BODY COLOUR В

B = Black W = White

5 COIL VOLTAGE **>>** 

0 = 6 to 12V 1 = 12V4 = 100 to 120V (50/60Hz) 5 = 220 to 240V (50/60Hz)

ALTERNATING OR DIRECT CURRENT

P = Pulse

COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise) 0=0 Degrees  $\mathbf{2}=180$  Degrees 1=90 Degrees 3=270 Degrees

COIL COLOUR B = Black

T

ELECTRICAL CONNECTION TYPE **T** = 6.3mm QC tab (not leaded)

D = DIN connector

L = Wire Leads

0

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only)  $\begin{array}{ll} {\bf 0} = {\rm Not\ Applicable} & 3 = 300 {\rm mm} \\ 1 = 100 {\rm mm} & 4 = 350 {\rm mm} \end{array}$ 6 = 1850mm 7 = 500mm 2 = 180 mm5 = 800 mm

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only) 0

0 = Not Applicable1 = Black 3 = Brown 4 = Red 6 = White 8 = Black/Red

2 = Blue9 = 2 Core Black Sheath (Black/Red)

WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only)

0 = Not Applicable 3 = Stripped 10mm 9 = 4.8mm QC Receptical (Insulated) 1 = Cut not stripped

2 = Stripped 6mm

С VALVE OPERATING TYPE

O = Normally Open
C = Normally Closed L = Latching P = Proportional

REGULATOR U

 $\mathbf{U} = \text{Unregulated}$ 

ELASTOMER PROPERTIES S

> **S** = Standard (for use with water & air only) V = Chemical Resistant (internal Viton components)

INSERT MARKINGS

 ${\bf N}={\bf Nymet}$  Standard Insert X = Customer Specified Insert

PACKAGING

S = Standard Export Packaging  $\mathbf{X} = \text{Customer Specified Packaging}$ 



## Solenoid Valves SERIES L

3/8" BSP Inlet (Female) - 3/8" BSP Outlet (Female)



## **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

# Temperature Range

- -40°C 135°C (ambient)
- 2°C 80°C (media)

#### **Max Flow Rate**

• 120,000 BTU/Hr

6 = 1850 mm

7 = 500 mm

6 = White 8 = Black/Red

# **Media Types**

 Natural Gas, Mixed LP & LP/Air Mixtures

# **CODING EXAMPLE**

T000 -PUS NS LA -1D1R

>> SERIES

BODY COLOUR **A** = Anodised Black

0 = 6 to 12V 1 = 12V 2 = 24V 4 = 100 to 120V (50/60Hz) 5 = 220 to 240V (50/60Hz)

ALTERNATING OR DIRECT CURRENT D

A = AC D = DC

COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise) 0=0 Degrees 2=180 Degrees 1=90 Degrees 3=270 Degrees

В » COIL COLOUR

ELECTRICAL CONNECTION TYPE Т

T = 6.3mm QC tab (not leaded) D = DIN connector

L = Wire Leads

0

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only)  ${\bf 0}={\rm Not}$  Applicable  ${\bf 3}={\rm 300mm}$ 1 = 100 mm4 = 350 mm2 = 180 mm5 = 800 mm

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only)

0 = Not Applicable1 = Black 3 = Brown 4 = Red

2 = Blue5 = Yellow9 = 2 Core Black Sheath (Black/Red)

WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only) 0

3 = Stripped 10mm 9 = 4.8mm QC Receptical (Insulated) 0 = Not Applicable 1 = Cut not stripped

2 = Stripped 6mm

VALVE OPERATING TYPE

O = Normally Open L = Latching C = Normally Closed P = Proportional

U **U** = Unregulated

S

**ELASTOMER PROPERTIES** V = Chemical Resistant (internal Viton components)

\$ = Standard (for use with natural gas, mixed LP and LP/air mixtures)

INSERT MARKINGS X = Customer Specified Insert N = Nymet Standard Insert

PACKAGING X = Customer Specified Packaging \$ = Standard Export Packaging



# Solenoid Valves SERIES M

3/8" BSP Inlet (Male) - 5/8" Barb Outlet



## **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

#### **Temperature Range**

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# **Media Types**

• Air, Water, Light Oil

6 = 1850 mm

7 = 500mm

#### **CODING EXAMPLE**

OUV -5A2W -T000 -NS MB -

M >> SERIES

BODY COLOUR B = Black W = White

COIL VOLTAGE 0 = 6 to 12V 1 = 12V

4 = 100 to 120 V (50/60 Hz)2 = 24V5 = 220 to 240 V (50/60 Hz)

ALTERNATING OR DIRECT CURRENT

A = AC D = DC P = Pulse

» COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise) 2

**2** = 180 Degrees 0 = 0 Degrees 1 = 90 Degrees 3 = 270 Degrees

COIL COLOUR B = Black W W = White

ELECTRICAL CONNECTION TYPE Т

T = 6.3mm QC tab (not leaded)

D = DIN connector

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only)

**0** = Not Applicable 1 = 100mm 3 = 300mm 4 = 350mm 2 = 180 mm5 = 800 mm

>> WIRE LEAD COLOUR (Applies to Electrical Connection Type L only) 0

0 = Not Applicable 6 = White 3 = Brown4 = Red1 = Black 2 = Blue 8 = Black/Red9 = 2 Core Black Sheath (Black/Red) 5 = Yellow

0 WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only)

0 = Not Applicable1 = Cut not stripped 3 = Stripped 10mm 9 = 4.8mm QC Receptical (Insulated)

2 = Stripped 6mm

VALVE OPERATING TYPE O = Normally Open L = Latching C = Normally Closed P = Proportional

U REGULATOR

0

 $\mathbf{U} = \text{Unregulated}$ 

**ELASTOMER PROPERTIES** ٧

S = Standard (for use with water & air only) V = Chemical Resistant (internal Viton components)

Ν INSERT MARKINGS

N = Nymet Standard Insert X = Customer Specified Insert

PACKAGING



# Solenoid Valves SERIES N

1" BSP Inlet (Female) - 1" BSP Outlet (Female)



## **Pressure Range**

• 50kPa (7psi) - 1250kPa (180psi)

# Temperature Range

- 2°C 60°C (ambient)
- 2°C 60°C (media)

#### **Nominal Flow Rate**

• 100LPM

# **Media Types**

• Air, Water, Light Oil

# **CODING EXAMPLE**

OOS NB -**2A0B** L313 -NX

- Ν >> SERIES
- BODY COLOUR В  $\mathbf{B} = \mathsf{Black}$
- 2 COIL VOLTAGE

0 = 6 to 12V 1 = 12V  $\mathbf{2} = 24V$ 

3 = 48V

4 = 100 to 120V (50/60Hz) 5 = 220 to 240V (50/60Hz)

ALTERNATING OR DIRECT CURRENT

A = AC D = DC P = Pulse

0 » COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)

COIL COLOUR В  $\mathbf{B} = \mathsf{Black}$ 

ELECTRICAL CONNECTION TYPE L

 $\mathbf{L}=$  Wire Leads

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only) 3

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only)

- WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only) 3 3 = Stripped 10mm
- VALVE OPERATING TYPE

  O = Normally Closed 0

L = Latching

- 0 REGULATOR
  - 0 = Not Applicable
- S ELASTOMER PROPERTIES

 $\boldsymbol{\$} = \boldsymbol{\$}$  standard (for use with water & air only) V = Chemical Resistant (internal Viton components)

INSERT MARKINGS

 ${\bf N}={\bf Nymet}$  Standard Insert

X = Customer Specified Insert

S = Standard Export Packaging

 $\mathbf{X} = \text{Customer Specified Packaging}$ 



# Solenoid Valves SERIES P

1/2" BSP Inlet (Male) - 2 x 1/2" BSP Outlet (Male)



# **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

#### **Temperature Range**

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# **Media Types**

• Air, Water, Light Oil

6 = 1850 mm7 = 500 mm

6 = White

8 = Black/Red

## **CODING EXAMPLE**

L262 -CUV PB -2A1B NX

>> SERIES

BODY COLOUR В B = Black W = White

2 COIL VOLTAGE

0 = 6 to 12V 1 = 12V3 = 48V 4 = 100 to 120V (50/60Hz)**2** = 24V 5 = 220 to 240 V (50/60 Hz)

ALTERNATING OR DIRECT CURRENT

 $\mathbf{A} = AC$  D = DC P = Pulse

» COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)

2 = 180 Degrees 3 = 270 Degrees 1 = 90 Degrees

В COIL COLOUR W = White

>> ELECTRICAL CONNECTION TYPE L

T = 6.3mm QC tab (not leaded)
D = DIN connector

 $\mathbf{L} = \text{Wire Leads}$ 

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only) 0= Not Applicable 3=300mm 1=100mm 4=350mm **2** = 180mm 5 = 800 mm

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only)  $0=\operatorname{Not}\operatorname{Applicable}$   $3=\operatorname{Brown}$ 6

3 = Brown4 = Red1 = Black

2 = Blue5 = Yellow 9 = 2 Core Black Sheath (Black/Red)

WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only) 0 = Not Applicable

3 = Stripped 10mm 9 = 4.8mm QC Receptical (Insulated) 1 = Cut not stripped

2 = Stripped 6mm

VALVE OPERATING TYPE O = Normally Open
C = Normally Closed L = Latching

U REGULATOR  $\mathbf{U} = \text{Unregulated}$ 

С

ELASTOMER PROPERTIES

S = Standard (for use with water & air only) **V** = Chemical Resistant (internal Viton components)

Ν INSERT MARKINGS

N = Nymet Standard Insert X = Customer Specified Insert

S = Standard Export Packaging  $\mathbf{X} = \text{Customer Specified Packaging}$ 



# Solenoid Valves SERIES Q (Direct Acting)

1/2" BSP Inlet (Male) - 1/2" BSP Outlet (Female)



## **Pressure Range**

• 6kPa (1psi) - 200kPa (29psi)

# Temperature Range

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 5LPM

# Media Types

• Air, Water, Light Oil

6 = 1850mm

7 = 500 mm

8 = Black/Red

## **CODING EXAMPLE**

L231 - CUV -QB -1D1W

>> SERIES

BODY COLOUR

 $\mathbf{B} = \mathsf{Black}$ 

W = White D = Black Drill/Tap 1/4" BSP

COIL VOLTAGE 0 = 6 to 12V 1 = 12V

4 = 100 to 120 V (50/60 Hz)2 = 24V5 = 220 to 240 V (50/60 Hz)

ALTERNATING OR DIRECT CURRENT

COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)

0 = 0 Degrees 1 = 90 Degrees 2 = 180 Degrees 3 = 270 Degrees

W COIL COLOUR

W = White

ELECTRICAL CONNECTION TYPE

= 6.3mm QC tab (not leaded)

D = DIN connector

 $\mathbf{L} = \text{Wire Leads}$ 

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only)

0 = Not Applicable 1 = 100mm 3 = 300mm 4 = 350mm

5 = 800 mm

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only)

0 = Not Applicable 1 = Black 4 = Red

9 = 2 Core Black Sheath (Black/Red)

WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only) 3 = Stripped 10mm 0 = Not Applicable

1 = Cut not stripped 9 = 4.8mm QC Receptical (Insulated)

2 = Stripped 6mm

VALVE OPERATING TYPE C = Normally Closed

REGULATOR

 $\mathbf{U} = \mathsf{Unregulated}$ 

ELASTOMER PROPERTIES

S = Standard (for use with water & air only)  ${f V}={f Chemical}$  Resistant (internal Viton components)

INSERT MARKINGS Ν

N = Nymet Standard Insert X = Customer Specified Insert

PACKAGING

U



# Solenoid Valves SERIES R

3/4" BSP Inlet (Male) - 3/4" BSP Outlet (Male) High Flow



## **Pressure Range**

• 30kPa (4psi) - 1250kPa (180psi)

#### Temperature Range

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 50LPM

# **Media Types**

• Air, Water, Light Oil

#### **CODING EXAMPLE**

1D3B L283 -OUS XS RB

- R SERIES
- BODY COLOUR B = Black W = White
- COIL VOLTAGE

0 = 6 to 12V 1 = 12V 2 = 24V

4 = 100 to 120V (50/60Hz) 5 = 220 to 240V (50/60Hz)

**3** = 270 Degrees

>> ALTERNATING OR DIRECT CURRENT D

D = DC

COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise) 3 2 = 180 Degrees

0 = 0 Degrees 1 = 90 Degrees

- COIL COLOUR В W = White
- L **ELECTRICAL CONNECTION TYPE**

L = Wire Leads

2

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only) 0 = Not Applicable 3 = 300 mm1 = 100 mm

4 = 350 mm2 = 180 mm5 = 800 mm

>> WIRE LEAD COLOUR (Applies to Electrical Connection Type L only) 8

0 = Not Applicable 3 = Brown4 = Red

2 = Blue5 = Yellow

2 = Stripped 6mm

0 VALVE OPERATING TYPE

O = Normally Open

C = Normally Closed

U REGULATOR A = 3 litres/minute B = 4 litres/minute

3

C = 8 litres/minute D = 12 litres/minute E = 16 litres/minute  $\mathbf{U} = \text{Unregulated}$ 

6 = 1850 mm

7 = 500 mm

6 = White 8 = Black/Red

9 = 2 Core Black Sheath (Black/Red)

S

ELASTOMER PROPERTIES  $\boldsymbol{\$} = \textbf{Standard}$  (for use with water & air only)

V = Chemical Resistant (internal Viton components)

INSERT MARKINGS

X = Customer Specified Insert N = Nymet Standard Insert

PACKAGING



# Solenoid Valves SERIES S

3/4" BSP Inlet (Male) - 3/4" Barb Outlet High Flow



## **Pressure Range**

• 30kPa (4psi) - 1250kPa (180psi)

#### **Temperature Range**

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 50LPM

# **Media Types**

• Air, Water, Light Oil

6 = 1850 mm

7 = 500 mm

6 = White

#### **CODING EXAMPLE**

CUS **2A3B** L251 -NX SB -

S SERIES

BODY COLOUR  $\mathbf{B} = \mathsf{Black}$ W = White

2

COIL VOLTAGE 0 = 6 to 12V 1 = 12V **2** = 24V 4 = 100 to 120V (50/60Hz) 5 = 220 to 240V (50/60Hz)

ALTERNATING OR DIRECT CURRENT

A = AC D = DC

COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise) 0=0 Degrees 2=180 Degrees 3

**3** = 270 Degrees 1 = 90 Degrees

COIL COLOUR В W = White

ELECTRICAL CONNECTION TYPE L

 $\mathbf{L}=$  Wire Leads

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only) 2

3 = 300 mm0 = Not Applicable 1 = 100 mm4 = 350 mm**2** = 180mm 5 = 800 mm

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only) 5 **>>** 

0 = Not Applicable 3 = Brown 4 = Red 1 = Black

8 = Black/Red 9 = 2 Core Black Sheath (Black/Red) 2 = Blue5 = Yellow

WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only)  $0=\mathrm{Not}\,\mathrm{Applicable}$  3 = Stripped 10mm

1 = Cut not stripped 9 = 4.8mm QC Receptical (Insulated)

2 = Stripped 6mm

VALVE OPERATING TYPE

O = Normally Open C = Normally Closed

U REGULATOR

С

C = 8 litres/minute E = 16 litres/minute A = 3 litres/minute B = 4 litres/minute D = 12 litres/minute  $\mathbf{U} = \text{Unregulated}$ 

S ELASTOMER PROPERTIES

 $\mathbf{S} = \text{Standard (for use with water & air only)}$ V = Chemical Resistant (internal Viton components)

Ν INSERT MARKINGS

X = Customer Specified Insert N = Nymet Standard Insert

S = Standard Export Packaging $\mathbf{X} = \text{Customer Specified Packaging}$ 



# Solenoid Valves SERIES T

1/2" BSP Inlet (Female) - 1/2" BSP Outlet (Male)



## **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

#### Temperature Range

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# **Media Types**

• Air, Water, Light Oil

6 = 1850mm 7 = 500mm

8 = Black/Red

9 = 2 Core Black Sheath (Black/Red)

#### **CODING EXAMPLE**

ID3B L312 -CUS XX

Т >> SERIES

**BODY COLOUR** В **B** = Black W = White

COIL VOLTAGE 0 = 6 to 12V 1 = 12V

4 = 100 to 120 V (50/60 Hz)

ALTERNATING OR DIRECT CURRENT D

A = ACD = DC

3 >> COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)

0 = 0 Degrees 1 = 90 Degrees 2 = 180 Degrees 3 = 270 Degrees

COIL COLOUR В

 $\mathbf{B} = \mathrm{Black}$ W = White

ELECTRICAL CONNECTION TYPE L

T = 6.3mm QC tab (not leaded)

D = DIN connector L = Wire Leads

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only)

0 = Not Applicable 1 = 100mm 3 = 300mm 4 = 350mm 2 = 180 mm5 = 800 mm

1

2 = Blue5 = Yellow

WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only) 3 = Stripped 10mm 0 = Not Applicable

1 = Cut not stripped 9 = 4.8mm QC Receptical (Insulated)

2 = Stripped 6mm

VALVE OPERATING TYPE

O = Normally Open
C = Normally Closed L = Latching P = Proportional

REGULATOR U

С

 $\mathbf{U} = \text{Unregulated}$ 

S ELASTOMER PROPERTIES

 $\mathbf{S} = \mathbf{Standard}$  (for use with water & air only) V = Chemical Resistant (internal Viton components)

Χ INSERT MARKINGS

N = Nymet Standard Insert  $\mathbf{X} = \text{Customer Specified Insert}$ 



# Solenoid Valves SERIES U

1/2" BSP Inlet (Female) - 1/2" Barb Outlet



## **Pressure Range**

• 20kPa (3psi) - 1250kPa (180psi)

#### **Temperature Range**

- 2°C 60°C (ambient)
- 2°C 80°C (media)

#### **Nominal Flow Rate**

• 20LPM

# **Media Types**

• Air, Water, Light Oil

6 = 1850mm 7 = 500mm

## **CODING EXAMPLE**

T000 -PUS -UB -1D1B NS

U >> SERIES

BODY COLOUR В

B = Black W = White

COIL VOLTAGE

0 = 6 to 12V 1 = 12V4 = 100 to 120V (50/60Hz) 5 = 220 to 240V (50/60Hz)

ALTERNATING OR DIRECT CURRENT D

 $\begin{aligned} \mathbf{A} &= \mathbf{AC} \\ \mathbf{D} &= \mathbf{DC} \\ \mathbf{P} &= \mathbf{Pulse} \end{aligned}$ 

COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)

2 = 180 Degrees 1 = 90 Degrees 3 = 270 Degrees

В COIL COLOUR **B** = Black W = White

ELECTRICAL CONNECTION TYPE

T = 6.3mm QC tab (not leaded) D = DIN connector

L = Wire Leads

0 WIRE LEAD LENGTH (Applies to Electrical Connection Type L only)

0 = Not Applicable1 = 100mm 3 = 300mm 4 = 350mm 2 = 180 mm5 = 800 mm

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only) 0

 O = Not Applicable
 Black 3 = Brown 4 = Red 6 = White 8 = Black/Red2 = Blue

9 = 2 Core Black Sheath (Black/Red)

WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only)

0 = Not Applicable 3 = Stripped 10mm 0

9 = 4.8mm QC Receptical (Insulated) 1 = Cut not stripped

2 = Stripped 6mm

VALVE OPERATING TYPE

O = Normally Open L = Latching C = Normally Closed P = Proportional

U REGULATOR **>>** 

 $\mathbf{U} = \text{Unregulated}$ 

S ELASTOMER PROPERTIES

 $\boldsymbol{\$} = \boldsymbol{\$}$  Standard (for use with water & air only) V = Chemical Resistant (internal Viton components)

INSERT MARKINGS Ν **>>** 

N = Nymet Standard InsertX = Customer Specified Insert

PACKAGING S



# Solenoid Valves SERIES V

1" BSP Inlet (Manifold) - 1" BSP Outlet (Female)



# **Pressure Range**

• 50kPa (7psi) - 1250kPa (180psi)

# Temperature Range

- 2°C 60°C (ambient)
- 2°C 60°C (media)

## **Nominal Flow Rate**

• 100LPM

# **Media Types**

• Air, Water, Light Oil

Note: 2 valves shown for illustration purposes

# **CODING EXAMPLE**

L313 - COV **2A0B** NS VB -

- >> SERIES
- В  $\begin{array}{l} {\sf BODY\ COLOUR} \\ {\bf B} = {\sf Black} \end{array}$

2

COIL VOLTAGE 0 = 6 to 12V 1 = 12V

3 = 48V 4 = 100 to 120V (50/60Hz) 5 = 220 to 240 V (50/60 Hz)

ALTERNATING OR DIRECT CURRENT

 $\mathbf{A} = AC$  D = DC P = Pulse

0 >> COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)

- В COIL COLOUR  $\mathbf{B} = \mathrm{Black}$
- L ELECTRICAL CONNECTION TYPE  $\mathbf{L} = \text{Wire Leads}$

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only) 3

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only)

1 = Black

3 WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only) 3 = Stripped 10mm

VALVE OPERATING TYPE **C** = Normally Closed C

L = Latching

0 REGULATOR

٧

- 0 = Not Applicable
  - **ELASTOMER PROPERTIES** S = Standard (for use with water & air only)

V = Chemical Resistant (internal Viton components)

N INSERT MARKINGS

 ${\bf N}={\bf N}{\bf y}$ met Standard Insert

X = Customer Specified Insert

**PACKAGING** 

\$ = Standard Export Packaging

X = Customer Specified Packaging



# Solenoid Valves SERIES Y

3/4" BSP Inlet (Male) - 3/4" BSP Outlet (Male) High Flow Manifold



# Pressure Range

• 30kPa (4psi) - 1250kPa (180psi)

# Temperature Range

- 2°C 60°C (ambient)
- 2°C 60°C (media)

## **Nominal Flow Rate**

• 50LPM

## **Media Types**

• Air, Water, Light Oil

Note: 2 valves shown for illustration purposes

#### **CODING EXAMPLE**

YB -**2A0B** L251 -CUS XS

**>>** SERIES

BODY COLOUR  $\mathbf{B} = \mathsf{Black}$ W = White

2

COIL VOLTAGE 0 = 6 to 12V 1 = 12V **2** = 24V

3 = 48V

4 = 100 to 120V (50/60Hz) 5 = 220 to 240V (50/60Hz)

ALTERNATING OR DIRECT CURRENT

A = AC D = DC

0 COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)

COIL COLOUR В

W = White

ELECTRICAL CONNECTION TYPE L

T = 6.3mm QC tab (not leaded)

D = DIN connector

 $\mathbf{L} = \text{Wire Leads}$ 

WIRE LEAD LENGTH (Applies to Electrical Connection Type L only) 2

0 = Not Applicable 1 = 100mm 3 = 300mm 4 = 350mm 2 = 180mm 5 = 800 mm 6 = 1850 mm7 = 500 mm

8 = Black/Red

WIRE LEAD COLOUR (Applies to Electrical Connection Type L only) 5

0 = Not Applicable 1 = Black

3 = Brown 4 = Red

5 = Yellow 9 = 2 Core Black Sheath (Black/Red)

WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only)

0 = Not Applicable 1 = Cut not stripped 3 = Stripped 10mm 9 = 4.8mm QC Receptical (Insulated)

2 = Stripped 6mm

VALVE OPERATING TYPE

O = Normally Open C = Normally Closed

REGULATOR

С

U

 $\mathbf{U} = \text{Unregulated}$ 

S ELASTOMER PROPERTIES

\$ = Standard (for use with water & air only)V = Chemical Resistant (internal Viton components)

Х INSERT MARKINGS

N = Nymet Standard Insert  $\mathbf{X} = \text{Customer Specified Insert}$ 

 $\boldsymbol{\$} = \textbf{Standard Export Packaging}$ X = Customer Specified Packaging



# Solenoid Valves SERIES Z

3/4" BSP Inlet (Male) - 3/4" Barb Outlet High Flow Manifold



# Pressure Range

• 30kPa (4psi) - 1250kPa (180psi)

## Temperature Range

- 2°C 60°C (ambient)
- 2°C 60°C (media)

## **Nominal Flow Rate**

• 50LPM

6 = 1850 mm

7 = 500 mm

6 = White

8 = Black/Red

## **Media Types**

• Air, Water, Light Oil

Note: 2 valves shown for illustration purposes

# **CODING EXAMPLE**

ZB -2AOB L251 -COS XS

- Z >> SERIES
- BODY COLOUR >> B = Black W = White
- COIL VOLTAGE
  - 0 = 6 to 12V1 = 12V3 = 48V
  - 4 = 100 to 120 V (50/60 Hz)5 = 220 to 240 V (50/60 Hz)
- ALTERNATING OR DIRECT CURRENT
  - A = AC D = DC

В

L

- 0 COIL ORIENTATION (Reference point of 0 degrees is inline with the inlet. Orientation sequence is clockwise)
  - **0** = 0 Degrees
- COIL COLOUR

  B = Black W = White
  - >> ELECTRICAL CONNECTION TYPE
    - T = 6.3mm QC tab (not leaded) D = DIN connector
- 2
  - WIRE LEAD LENGTH (Applies to Electrical Connection Type L only) 0 = Not Applicable 3 = 300 mm1 = 100 mm4 = 350 mm2 = 180mm 5 = 800 mm
- 5 WIRE LEAD COLOUR (Applies to Electrical Connection Type L only)
  - 3 = Brown4 = Red0 = Not Applicable1 = Black
  - 2 = Blue5 = Yellow
  - 9 = 2 Core Black Sheath (Black/Red)
- WIRE LEAD TREATMENT (Applies to Electrical Connection Type L only)
  - 3 = Stripped 10mm 0 = Not Applicable
  - 1 = Cut not stripped 9 = 4.8mm QC Receptical (Insulated) 2 = Stripped 6mm
- VALVE OPERATING TYPE С
  - O = Normally Open
  - C = Normally Closed
- REGULATOR 0
  - 0 = Not Applicable
- ELASTOMER PROPERTIES S
  - \$ = Standard (for use with water & air only) V = Chemical Resistant (internal Viton components)
- INSERT MARKINGS
  - X = Customer Specified Insert N = Nymet Standard Insert
- PACKAGING
  - \$ = Standard Export Packaging X = Customer Specified Packaging



For further information contact our nearest office:

#### ΔSIΔ

Nymet Manufacturing Singapore Pte Ltd Block 3015A Ubi Road 1 #01-02

Singapore 408705

Telephone +65 6748 9589 Facsimile +65 6741 5866

Email info@nymet.com.sg

Website www.nymet.com.sg

AUSTRALIA Nymet Pty Ltd

4 Rod Court

Gulfview Heights, South Australia 5096

Telephone +61 8 8264 0928 Facsimile +61 8 8264 7345

Email nymet@bigpond.net.au

Website www.nymet.com.sg