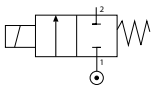
Series X1F — Valves

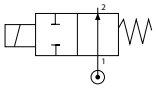
2/2 NC



1/8" - 1/4"

Page 4.2

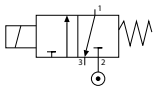
2/2 NO



1/8" - 1/4"

Page 4.4

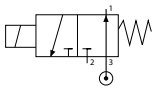
3/2 NC



1/8" - 1/4"

Page 4.6

3/2 NO



1/8" - 1/4"

Page 4.8

Series X1F — Coils & Connectors

22 mm

Series A

CSA C22.2

Page 17.2

30 mm

Series B

CSA C22.2

Page 17.3

Connectors

CSA C22.2

Page 17.8 - 17.9

AIGNEP

DIRECT ACTING SOLENOID VALVES IN STAINLESS STEEL 316L

II 2 G/D Ex h

c US CSA C22.2

AISI 316L

Series X1F

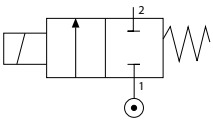
X1F

Series X1F

DIRECT ACTING SOLENOID VALVES WITH BODY IN STAINLESS STEEL AISI 316L

2/2 NC

1/8" - 1/4"



Component Parts and Materials

1 Body: Stainless steel AISI 316L
2 Seals: NBR - EPDM - FKM
3 Armature tube: Stainless steel
4 Fixed and mobile core: Stainless steel AISI 430FR
5 Springs: Stainless steel
6 Shading ring: Copper

General features - X1F

- Universal mounting position
- Operator kit Ø 10 mm
- ATEX II 2G/D Ex h certification
- Coils: Class H - - CSA C22.2

Maximum allowable pressure

580 psi (40 bar)

Compatibility and materials table

Page 0.13 - 0.14

Room temperature with coil class H

+14°F *-10°C* **+176°F** *+80°C*

Applications

- Water, Oils, Corrosive liquids
- Air, Inert and aggressive gases, Vacuum
- Food industry
- Laser cutting, Welding, Metallurgy
- Oxygen, Steam, Medical
- Chemical and Petrochemical Industry

Silver-plated shading ring on request

Ordering codes

Series	Port size	Functions	Orifice *inch (mm)*	Sealing materials	Version	Thread	Suitable coils	
X 1 F	0 2	1	1 5	N	0	N	A	A
	02 = 1/8"	1 = 2/2 NC	15 = 1/16 *(1.5)*	N = NBR	0 = Standard	N = NPTF	A = A series - SOL10	A = 12V DC
	03 = 1/4"		02 = 5/64 *(2)*	E = EPDM			B = B series - SOL11	B = 24V DC
			25 = 3/32 *(2.5)*	V = FKM				1 = 24V AC
			03 = 1/8 *(3)*					2 = 110V AC
			04 = 5/32 *(4)*					3 = 220V AC

Valves and coils are supplied separately. Upon commercial agreements can be supplied assembled.

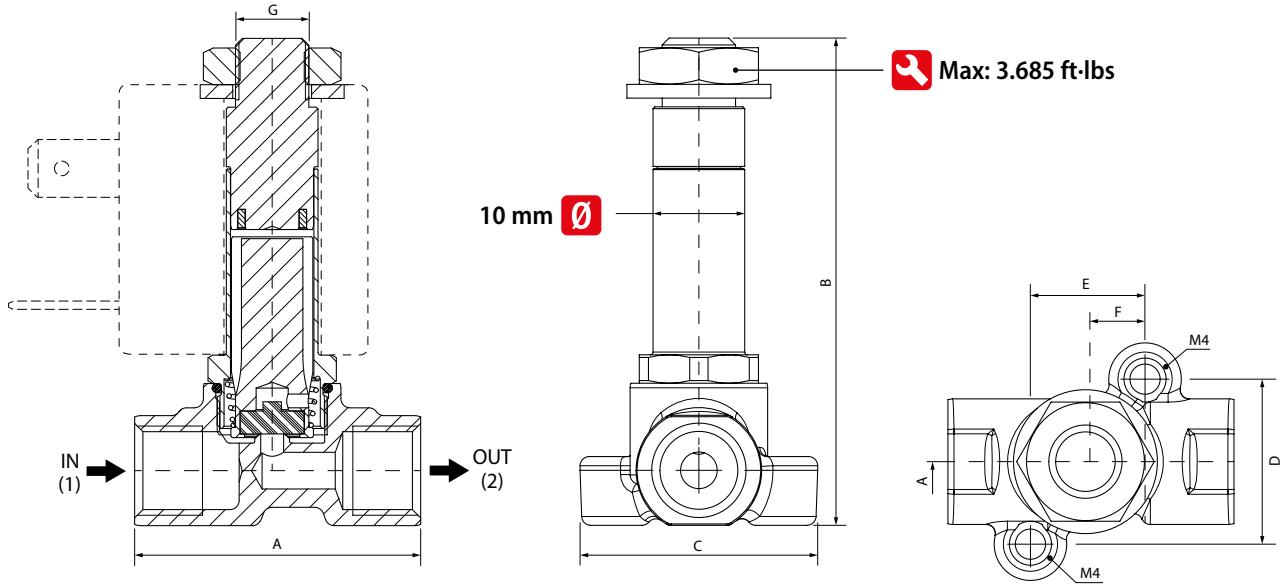
COILS: SERIES A, B PAGE: 17.2 / 17.3 CONNECTORS PAGE: 17.8

Code	Sealing materials	Port size	Ø Orifice	Viscosity	Cv (Kv)	Differential pressure (OPD)			Power		Coils	
						psi (bar)			DC	AC	Size	Series
①	①	NPTF	inch (mm)	cSt	gpm (m^3/h)	Min	Max DC	Max AC	W	VA	mm	A - Page 17.2 B - Page 17.3
X1F 02 1 15 _ 0 N	N = NBR +14°F +194°F (-10°C +90°C) V = FKM +14°F +284°F (-10°C +140°C) E = EPDM +14°F +284°F (-10°C +140°C)	1/8"	1/16 (1.5)	25	0.07 (0.06)	0	232 (16)	435 (30)	6.5	7.5	22	A - SOL10
							580 (40)	580 (40)	8	11	30	B - SOL11
X1F 02 1 02 _ 0 N			5/64 (2)	37	0.10 (0.09)	0	174 (12)	363 (25)	6.5	7.5	22	A - SOL10
							435 (30)	580 (40)	8	11	30	B - SOL11
X1F 02 1 25 _ 0 N			3/32 (2.5)	53	0.17 (0.15)	0	65 (4.5)	261 (18)	6.5	7.5	22	A - SOL10
							189 (13)	435 (30)	8	11	30	B - SOL11
X1F 02 1 03 _ 0 N			1/8 (3)	53	0.23 (0.20)	0	44 (3)	145 (10)	6.5	7.5	22	A - SOL10
							102 (7)	232 (16)	8	11	30	B - SOL11
X1F 02 1 04 _ 0 N			5/32 (4)	53	0.35 (0.30)	0	15 (1)	58 (4)	6.5	7.5	22	A - SOL10
							36 (2.5)	116 (8)	8	11	30	B - SOL11
X1F 03 1 15 _ 0 N		1/4"	1/16 (1.5)	25	0.07 (0.06)	0	232 (16)	435 (30)	6.5	7.5	22	A - SOL10
							580 (40)	580 (40)	8	11	30	B - SOL11
X1F 03 1 02 _ 0 N			5/64 (2)	37	0.10 (0.09)	0	174 (12)	363 (25)	6.5	7.5	22	A - SOL10
							435 (30)	580 (40)	8	11	30	B - SOL11
X1F 03 1 25 _ 0 N			3/32 (2.5)	53	0.17 (0.15)	0	65 (4.5)	261 (18)	6.5	7.5	22	A - SOL10
							189 (13)	435 (30)	8	11	30	B - SOL11
X1F 03 1 03 _ 0 N			1/8 (3)	53	0.23 (0.20)	0	44 (3)	145 (10)	6.5	7.5	22	A - SOL10
							102 (7)	232 (16)	8	11	30	B - SOL11
X1F 03 1 04 _ 0 N			5/32 (4)	53	0.35 (0.30)	0	15 (1)	58 (4)	6.5	7.5	22	A - SOL10
							36 (2.5)	116 (8)	8	11	30	B - SOL11

① Select seal material

With steam: *EPDM - P max = 36 psi (2.5 bar)*

Coil not included



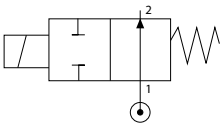
Size	A	B	C	D	E	F	G
	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	
1/8"	1.228 (31.2)	2.090 (53.1)	1.019 (25.9)	0.708 (18)	0.492 (12.5)	0.255 (6.5)	M8 x 0.75
1/4"	1.456 (37)	2.208 (56.1)	1.141 (29)	0.826 (21)	0.472 (12)	0.236 (6)	M8 x 0.75

Series X1F

DIRECT ACTING SOLENOID VALVES WITH BODY IN STAINLESS STEEL AISI 316L

2/2 NO

1/8" - 1/4"



Component Parts and Materials

1 Body: Stainless steel AISI 316L
2 Seals: NBR - EPDM - FKM
3 Armature tube: Stainless steel
4 Fixed and mobile core: Stainless steel AISI 430FR
5 Springs: Stainless steel
6 Shading ring: Copper

General features - X1F

- Universal mounting position
- Operator kit Ø 10 mm
- ATEX II 2G/D Ex h certification
- Coils: Class H - - CSA C22.2

Maximum allowable pressure

580 psi (40 bar)

Compatibility and materials table

Page 0.13 - 0.14

Room temperature with coil class H

+14°F *-10°C* **+176°F** *+80°C*

Applications

- Water, Oils, Corrosive liquids
- Air, Inert and aggressive gases, Vacuum
- Food industry
- Laser cutting, Welding, Metallurgy
- Oxygen, Steam, Medical
- Chemical and Petrochemical Industry

Silver-plated shading ring on request

Ordering codes

Series	Port size	Functions	Orifice *inch (mm)*	Sealing materials	Version	Thread	Suitable coils	
X 1 F	0 2	2	1 5	N	0	N	A	A
	02 = 1/8"	2 = 2/2 NO	15 = 1/16 *(1.5)*	N = NBR	0 = Standard	N = NPTF	A = A series - SOL10	A = 12V DC
	03 = 1/4"		02 = 5/64 *(2)*	E = EPDM			B = B series - SOL11	B = 24V DC
			25 = 3/32 *(2.5)*	V = FKM				1 = 24V AC
			03 = 1/8 *(3)*					2 = 110V AC
								3 = 220V AC

Valves and coils are supplied separately. Upon commercial agreements can be supplied assembled.

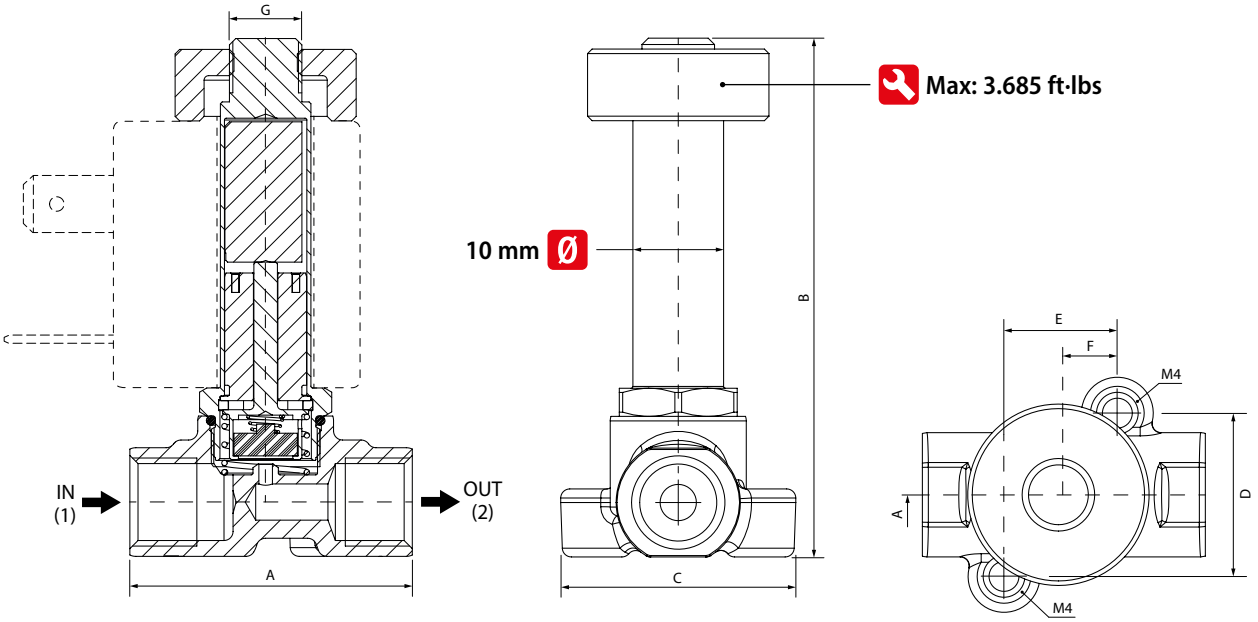
COILS: SERIES A, B PAGE: 17.2 / 17.3 CONNECTORS PAGE: 17.8

Code	Sealing materials	Port size	Ø Orifice	Viscosity	Cv (Kv)	Differential pressure (OPD)			Power		Coils	
						psi (bar)			DC	AC	Size	Series
①	①	NPTF	inch (mm)	cSt	gpm (m^3/h)	Min	Max DC	Max AC	W	VA	mm	A - Page 17.2 B - Page 17.3
X1F 02 2 15 _ 0 N	N = NBR +14°F +194°F (-10°C +90°C) V = FKM +14°F +284°F (-10°C +140°C) E = EPDM +14°F +284°F (-10°C +140°C)	1/8"	1/16 (1.5)	25	0.07 (0.06)	0	-	261 (18)	-	7.5	22	A - SOL10
							261 (18)	261 (18)	8	11	30	B - SOL11
X1F 02 2 02 _ 0 N			5/64 (2)	37	0.10 (0.09)	0	-	145 (10)	-	7.5	22	A - SOL10
							145 (10)	145 (10)	8	11	30	B - SOL11
X1F 02 2 25 _ 0 N			3/32 (2.5)	53	0.17 (0.15)	0	-	94 (6.5)	-	7.5	22	A - SOL10
							94 (6.5)	94 (6.5)	8	11	30	B - SOL11
X1F 02 2 03 _ 0 N			1/8 (3)	53	0.23 (0.20)	0	-	61 (4.2)	-	7.5	22	A - SOL10
							61 (4.2)	61 (4.2)	8	11	30	B - SOL11
X1F 03 2 15 _ 0 N		1/4"	1/16 (1.5)	25	0.07 (0.06)	0	-	261 (18)	-	7.5	22	A - SOL10
							261 (18)	261 (18)	8	11	30	B - SOL11
X1F 03 2 02 _ 0 N			5/64 (2)	37	0.10 (0.09)	0	-	145 (10)	-	7.5	22	A - SOL10
							145 (10)	145 (10)	8	11	30	B - SOL11
X1F 03 2 25 _ 0 N			3/32 (2.5)	53	0.17 (0.15)	0	-	94 (6.5)	-	7.5	22	A - SOL10
							94 (6.5)	94 (6.5)	8	11	30	B - SOL11
X1F 03 2 03 _ 0 N			1/8 (3)	53	0.23 (0.20)	0	-	61 (4.2)	-	7.5	22	A - SOL10
							61 (4.2)	61 (4.2)	8	11	30	B - SOL11

① Select seal material

With steam: *EPDM - P max = 36 psi (2.5 bar)*

Coil not included



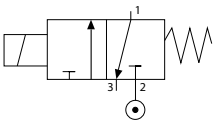
Size	A inch (mm)	B inch (mm)	C inch (mm)	D inch (mm)	E inch (mm)	F inch (mm)	G
1/8"	1.228 (31.2)	2.251 (57.2)	1.019 (25.9)	0.708 (18)	0.492 (12.5)	0.255 (6.5)	M8 x 1
1/4"	1.456 (37)	2.370 (60.2)	1.141 (29)	0.826 (21)	0.472 (12)	0.236 (6)	M8 x 1

Series X1F

DIRECT ACTING SOLENOID VALVES WITH BODY IN STAINLESS STEEL AISI 316L

3/2 NC

1/8" - 1/4"



Component Parts and Materials

1 Body: Stainless steel AISI 316L
2 Seals: NBR - EPDM - FKM
3 Armature tube: Stainless steel
4 Fixed and mobile core: Stainless steel AISI 430FR
5 Springs: Stainless steel
6 Shading ring: Copper

General features - X1F

- Universal mounting position
- Operator kit Ø 10 mm
- ATEX II 2G/D Ex h certification
- Coils: Class H - - CSA C22.2

Maximum allowable pressure

580 psi (40 bar)

Compatibility and materials table

Page 0.13 - 0.14

Room temperature with coil class H

+14°F *-10°C* **+176°F** *+80°C*

Applications

- Water, Oils, Corrosive liquids
- Air, Inert and aggressive gases, Vacuum
- Food industry
- Laser cutting, Welding, Metallurgy
- Oxygen, Steam, Medical
- Chemical and Petrochemical Industry

Silver-plated shading ring on request

Ordering codes

Series	Port size	Functions	Orifice *inch (mm)*	Sealing materials	Version	Thread	Suitable coils	
X 1 F	0 2	3	1 5	N	0	N	A	A
	02 = 1/8"	3 = 3/2 NC	15 = 1/16 *(1.5)*	N = NBR	0 = Standard	N = NPTF	A = A series - SOL10	A = 12V DC
	03 = 1/4"		02 = 5/64 *(2)*	E = EPDM			B = B series - SOL11	B = 24V DC
			25 = 3/32 *(2.5)*	V = FKM				1 = 24V AC
			03 = 1/8 *(3)*					2 = 110V AC
			04 = 5/32 *(4)*					3 = 220V AC

Valves and coils are supplied separately. Upon commercial agreements can be supplied assembled.

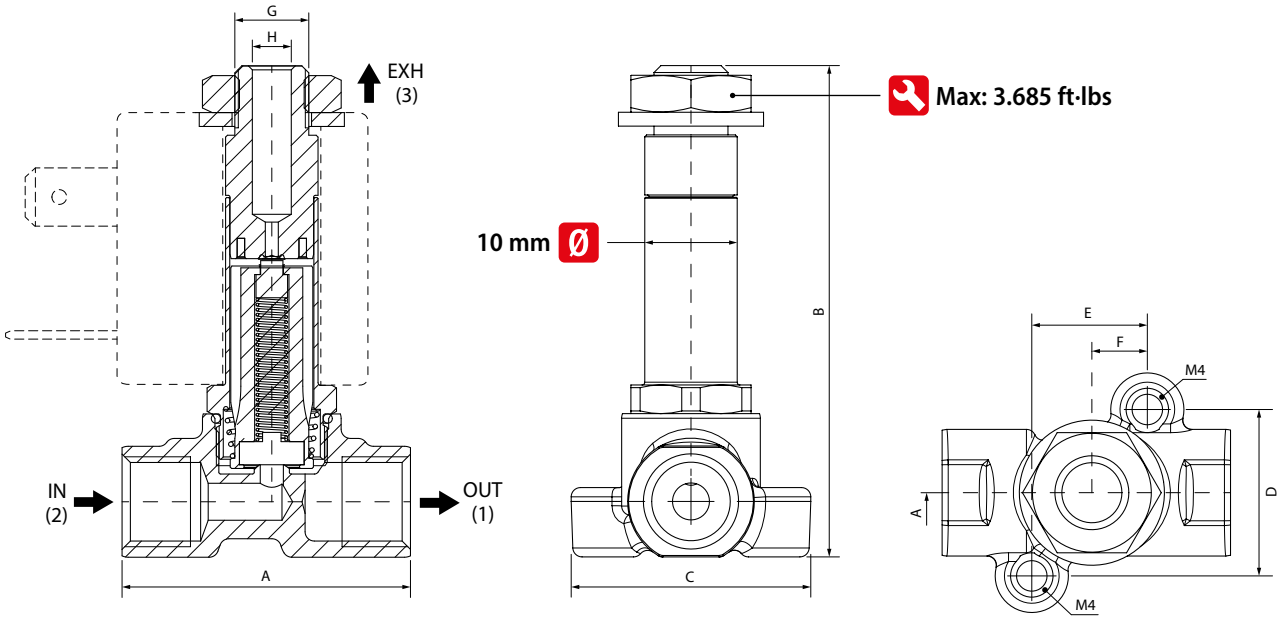
COILS: SERIES A, B PAGE: 17.2 / 17.3 CONNECTORS PAGE: 17.8

Code	Sealing materials	Port size	Ø Orifice		Viscosity	Cv (Kv)		Differential pressure (OPD)			Power		Coils	
		NPTF	inch (mm)		cSt	gpm (m³/h)		psi (bar)			DC	AC	Size	Series
①	①		IN	EXH		IN	EXH	Min	Max DC	Max AC	W	VA	mm	A - Page 17.2 B - Page 17.3
X1F 02 3 15 _ 0 N	N = NBR +14°F +194°F (-10°C +90°C) V = FKM +14°F +284°F (-10°C +140°C) E = EPDM +14°F +284°F (-10°C +140°C)	1/8"	1/16 (1.5)	1/16 (1.4)	25	0.07 (0.06)	0.06 (0.05)	0	196 (13.5)	196 (13.5)	6.5	7.5	22	A - SOL10
									196 (13.5)	196 (13.5)	8	11	30	B - SOL11
X1F 02 3 02 _ 0 N			5/64 (2)	1/16 (1.4)	25	0.10 (0.09)	0.06 (0.05)	0	116 (8)	116 (8)	6.5	7.5	22	A - SOL10
									116 (8)	116 (8)	8	11	30	B - SOL11
X1F 02 3 25 _ 0 N			3/32 (2.5)	1/16 (1.4)	25	0.17 (0.15)	0.06 (0.05)	0	73 (5)	73 (5)	6.5	7.5	22	A - SOL10
									73 (5)	73 (5)	8	11	30	B - SOL11
X1F 02 3 03 _ 0 N			1/8 (3)	1/16 (1.4)	25	0.23 (0.20)	0.06 (0.05)	0	-	51 (3.5)	-	7.5	22	A - SOL10
									51 (3.5)	51 (3.5)	8	11	30	B - SOL11
X1F 02 3 04 _ 0 N			5/32 (4)	1/16 (1.4)	25	0.35 (0.30)	0.06 (0.05)	0	-	15 (1)	-	7.5	22	A - SOL10
									15 (1)	15 (1)	8	11	30	B - SOL11
X1F 03 3 15 _ 0 N		1/4"	1/16 (1.5)	1/16 (1.4)	25	0.07 (0.06)	0.06 (0.05)	0	196 (13.5)	196 (13.5)	6.5	7.5	22	A - SOL10
									196 (13.5)	196 (13.5)	8	11	30	B - SOL11
X1F 03 3 02 _ 0 N			5/64 (2)	1/16 (1.4)	25	0.10 (0.09)	0.06 (0.05)	0	116 (8)	116 (8)	6.5	7.5	22	A - SOL10
									116 (8)	116 (8)	8	11	30	B - SOL11
X1F 03 3 25 _ 0 N			3/32 (2.5)	1/16 (1.4)	25	0.17 (0.15)	0.06 (0.05)	0	73 (5)	73 (5)	6.5	7.5	22	A - SOL10
									73 (5)	73 (5)	8	11	30	B - SOL11
X1F 03 3 03 _ 0 N			1/8 (3)	1/16 (1.4)	25	0.23 (0.20)	0.06 (0.05)	0	-	51 (3.5)	-	7.5	22	A - SOL10
									51 (3.5)	51 (3.5)	8	11	30	B - SOL11
X1F 03 3 04 _ 0 N			5/32 (4)	1/16 (1.4)	25	0.35 (0.30)	0.06 (0.05)	0	-	15 (1)	-	7.5	22	A - SOL10
									15 (1)	15 (1)	8	11	30	B - SOL11

① Select seal material

With steam: *EPDM - P max = 36 psi (2.5 bar)*

Coil not included



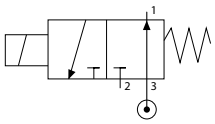
Size	A	B	C	D	E	F	G	H
	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)	inch (mm)		
1/8"	1.228 (31.2)	2.090 (53.1)	1.019 (25.9)	0.708 (18)	0.492 (12.5)	0.236 (6)	M8 x 0.75	M5
1/4"	1.456 (37)	2.208 (56.1)	1.141 (29)	0.826 (21)	0.472 (12)	0.236 (6)	M8 x 0.75	M5

Series X1F

DIRECT ACTING SOLENOID VALVES WITH BODY IN STAINLESS STEEL AISI 316L

3/2 NO

1/8" - 1/4"



Component Parts and Materials

1 Body: Stainless steel AISI 316L
2 Seals: NBR - EPDM - FKM
3 Armature tube: Stainless steel
4 Fixed and mobile core: Stainless steel AISI 430FR
5 Springs: Stainless steel
6 Shading ring: Copper

General features - X1F

- Universal mounting position
- Operator kit Ø 10 mm
- ATEX II 2G/D Ex h certification
- Coils: Class H - - CSA C22.2

Maximum allowable pressure

580 psi (40 bar)

Compatibility and materials table

Page 0.13 - 0.14

Room temperature with coil class H

+14°F *-10°C* **+176°F** *+80°C*

Applications

- Water, Oils, Corrosive liquids
- Air, Inert and aggressive gases, Vacuum
- Food industry
- Laser cutting, Welding, Metallurgy
- Oxygen, Steam, Medical
- Chemical and Petrochemical Industry

Silver-plated shading ring on request

Ordering codes

Series	Port size	Functions	Orifice *inch (mm)*	Sealing materials	Version	Thread	Suitable coils	
X 1 F	0 2	4	1 5	N	0	N	A	A
	02 = 1/8"	4 = 3/2 NO	15 = 1/16 *(1.5)*	N = NBR	0 = Standard	N = NPTF	A = A series - SOL10	A = 12V DC
	03 = 1/4"		02 = 5/64 *(2)*	E = EPDM			B = B series - SOL11	B = 24V DC
			25 = 3/32 *(2.5)*	V = FKM				1 = 24V AC
								2 = 110V AC
								3 = 220V AC

Valves and coils are supplied separately. Upon commercial agreements can be supplied assembled.

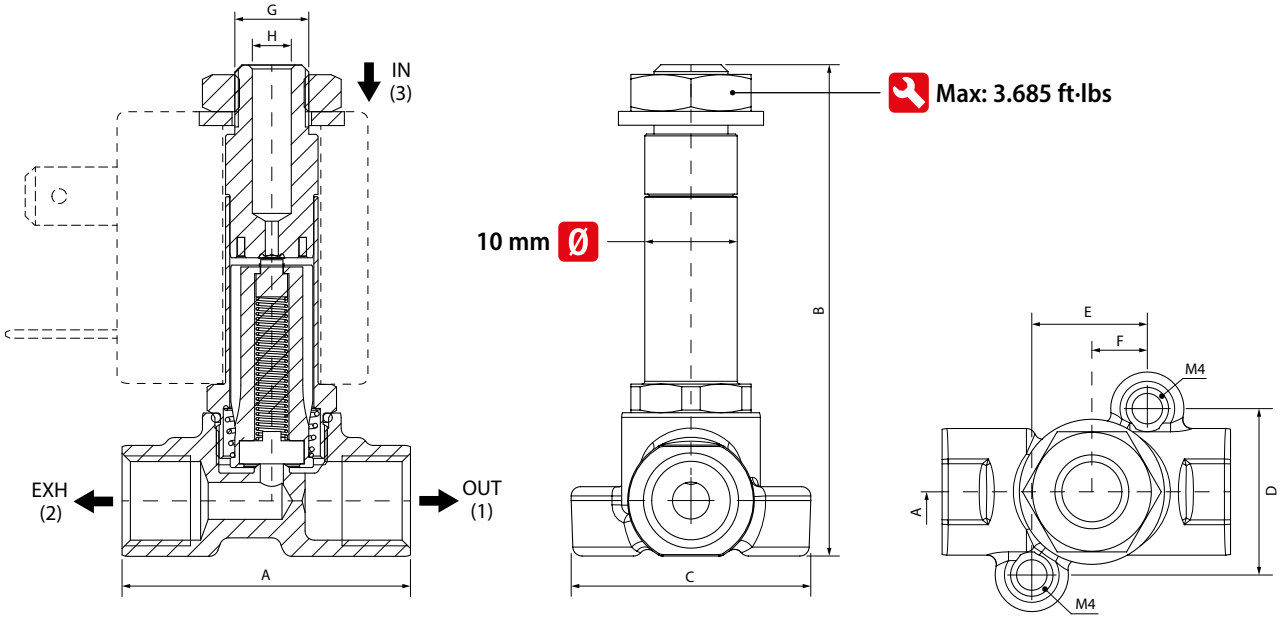
COILS: SERIES A, B PAGE: 17.2 / 17.3 CONNECTORS PAGE: 17.8

Code	Sealing materials	Port size	Ø Orifice		Viscosity	Cv (Kv)		Differential pressure (OPD)			Power		Coils	
		NPTF	inch (mm)		cSt	gpm (m^3/h)		psi (bar)			DC	AC	Size	Series
①	①		IN	EXH		IN	EXH	Min	Max DC	Max AC	W	VA	mm	A - Page 17.2 B - Page 17.3
X1F 02 4 15 _ 0 N	N = NBR +14°F +194°F (-10°C +90°C)	1/8"	1/16 (1.4)	1/16 (1.5)	25	0.06 (0.05)	0.07 (0.06)	0	145 (10)	145 (10)	6.5	7.5	22	A - SOL10
									145 (10)	145 (10)	8	11	30	B - SOL11
X1F 02 4 02 _ 0 N			1/16 (1.4)	5/64 (2)	25	0.06 (0.05)	0.10 (0.09)	0	145 (10)	145 (10)	6.5	7.5	22	A - SOL10
									145 (10)	145 (10)	8	11	30	B - SOL11
X1F 02 4 25 _ 0 N	V = FKM +14°F +284°F (-10°C +140°C)		1/16 (1.4)	3/32 (2.5)	25	0.06 (0.05)	0.17 (0.15)	0	58 (4)	145 (10)	6.5	7.5	22	A - SOL10
									145 (10)	145 (10)	8	11	30	B - SOL11
X1F 03 4 15 _ 0 N		1/4"	1/16 (1.4)	1/16 (1.5)	25	0.06 (0.05)	0.07 (0.06)	0	145 (10)	145 (10)	6.5	7.5	22	A - SOL10
									145 (10)	145 (10)	8	11	30	B - SOL11
X1F 03 4 02 _ 0 N	E = EPDM +14°F +284°F (-10°C +140°C)		1/16 (1.4)	5/64 (2)	25	0.06 (0.05)	0.10 (0.09)	0	145 (10)	145 (10)	6.5	7.5	22	A - SOL10
									145 (10)	145 (10)	8	11	30	B - SOL11
X1F 03 4 25 _ 0 N			1/16 (1.4)	3/32 (2.5)	25	0.06 (0.05)	0.17 (0.15)	0	58 (4)	145 (10)	6.5	7.5	22	A - SOL10
									145 (10)	145 (10)	8	11	30	B - SOL11

① Select seal material

With steam: *EPDM - P max = 36 psi (2.5 bar)*

Coil not included



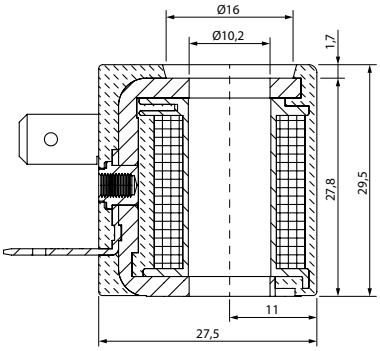
Size	A inch (mm)	B inch (mm)	C inch (mm)	D inch (mm)	E inch (mm)	F inch (mm)	G	H
1/8"	1.228 (31.2)	2.090 (53.1)	1.019 (25.9)	0.708 (18)	0.492 (12.5)	0.236 (6)	M8 x 0.75	M5
1/4"	1.456 (37)	2.208 (56.1)	1.141 (29)	0.826 (21)	0.472 (12)	0.236 (6)	M8 x 0.75	M5

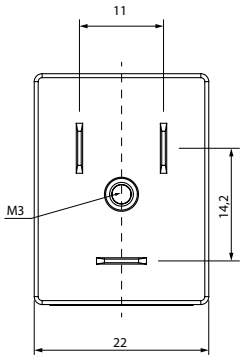
SERIES A COIL

22 mm

10 mm

ED 100%





CE

cULus

UL 429 & CSA C22.2 NO. 139-13

The dimensions are in millimeters (mm)

Reference	Code	Voltage	Power	Voltage tolerance	Ambient temperature	
					Min	Max
AA	SOL10012C4000	12V DC	6.5 W	±10 %	+14°F (-10°C)	+176°F (+80°C)
AB	SOL10024C4000	24V DC	6.5 W	±10 %		
A1	SOL10024A8000	24V AC / 50-60 Hz	7.5 VA	±10 %		
A2	SOL10110A8000	110V AC / 50-60 Hz	7.5 VA	±10 %		
A3	SOL10220A8000	220V AC / 50-60 Hz	7.5 VA	±10 %		

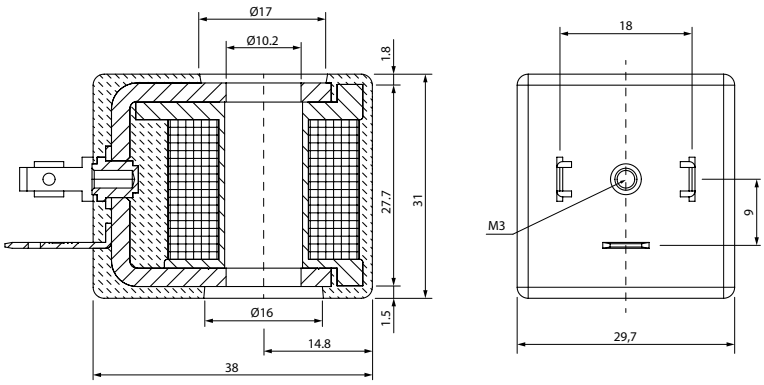
INSULATION CLASS	H EN 60085
ENCAPSULATION MATERIAL	RYNITE®
ELECTRICAL CONNECTIONS	FORM B - INDUSTRIAL *EN 175301-803 (EX DIN 43650)*
AMBIENT TEMPERATURE	+14°F +176°F *(-10°C +80°C)*
PROTECTION DEGREE	IP67 IEC 60529 with connector IP67
OPTIONS	Other voltages/powers on request

SERIES B COIL

30 mm

10 mm

ED 100%



The dimensions are in millimeters (mm)

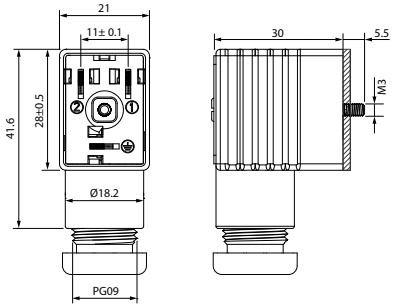
UL 429 & CSA C22.2 NO. 139-13

Reference	Code	Voltage	Power	Voltage tolerance	Ambient temperature Min	Ambient temperature Max
BA	SOL11012C5000	12V DC	8 W	±10 %	+14°F (-10°C)	+176°F (+80°C)
BB	SOL11024C5000	24V DC	8 W	±10 %		
B1	SOL11024A9000	24V AC / 50-60 Hz	11 VA	±10 %		
B2	SOL11110A9000	110V AC / 50-60 Hz	11 VA	±10 %		
B3	SOL11220A9000	220V AC / 50-60 Hz	11 VA	±10 %		

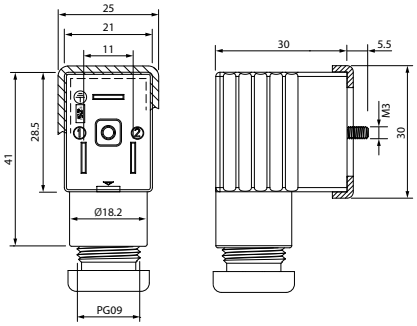
INSULATION CLASS	**H EN 60085**
ENCAPSULATION MATERIAL	**RYNITE®**
ELECTRICAL CONNECTIONS	**FORM A** *EN 175301-803 (EX DIN 43650)*
AMBIENT TEMPERATURE	**+14°F +176°F** *(-10°C +80°C)*
PROTECTION DEGREE	**IP67 IEC 60529** with connector IP67
OPTIONS	Other voltages/powers on request

CONNECTORS

22 mm



The dimensions are in millimeters (mm)



The dimensions are in millimeters (mm)

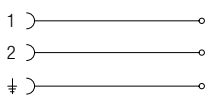
	Code		Size mm	Colour	Characteristics
	CON01 000 01		22	BLACK	2 PINS
	CON02 024 00		22	TRANSPARENT	● LED + VDR 0 - 24V
	CON02 110 00		22	TRANSPARENT	● LED + VDR 110V
	CON02 250 00		22	TRANSPARENT	● LED + VDR 220V
*	CONU1 000 01	c UL us	22	BLACK	2 PINS
*	CONU2 024 00	c UL us	22	TRANSPARENT	● LED + VDR 0 - 24V
*	CONU2 110 00	c UL us	22	TRANSPARENT	● LED + VDR 110V
*	CONU2 250 00	c UL us	22	TRANSPARENT	● LED + VDR 220V

*: UL 1977 AND CAN/CSA C22.2 NO. 182.3

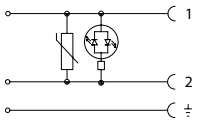
VDR: Fitted with varistors as surge protection device.

Wiring

CON01 000 01
CONU1 000 01



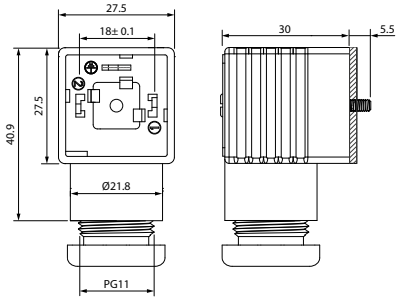
CON02 024 00 CON02 110 00 CON02 250 00
CONU2 024 00 CONU2 110 00 CONU2 250 00



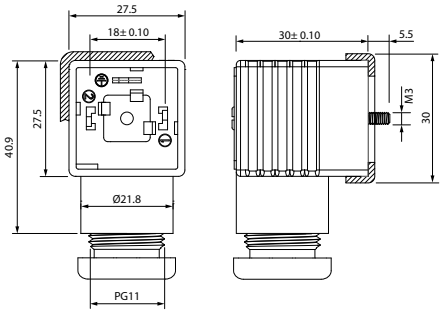
ELECTRICAL CONNECTIONS	FORM B - INDUSTRIAL *EN 175301-803 (EX DIN 43650)*	PROTECTION DEGREE	IP67 IEC 60529	CABLE DIAMETER	6 ÷ 8 mm & 8 ÷ 11 mm

CONNECTORS

30-36 mm



The dimensions are in millimeters (mm)



The dimensions are in millimeters (mm)

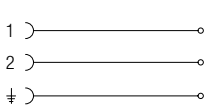
	Code		Size mm	Colour	Characteristics
	CON31 000 01		30 - 36	BLACK	2 PINS
	CON32 024 00		30 - 36	TRANSPARENT	● LED + VDR 0 - 24V
	CON32 110 00		30 - 36	TRANSPARENT	● LED + VDR 110V
	CON32 250 00		30 - 36	TRANSPARENT	● LED + VDR 220V
*	CONU3 100 01	c UL us	30 - 36	BLACK	2 PINS
*	CONU3 202 40	c UL us	30 - 36	TRANSPARENT	● LED + VDR 0 - 24V
*	CONU3 211 00	c UL us	30 - 36	TRANSPARENT	● LED + VDR 110V
*	CONU3 225 00	c UL us	30 - 36	TRANSPARENT	● LED + VDR 220V

*: UL 1977 AND CAN/CSA C22.2 NO. 182.3

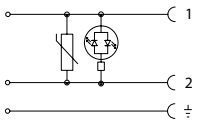
VDR: Fitted with varistors as surge protection device.

Wiring

CON31 000 01
CONU3 100 01



CON32 024 00 CON32 110 00 CON32 250 00
CONU3 202 40 CONU3 211 00 CONU3 225 00



ELECTRICAL CONNECTIONS	FORM A *EN 175301-803 (EX DIN 43650)*	PROTECTION DEGREE	IP67 IEC 60529	CABLE DIAMETER	6 ÷ 8 mm & 8 ÷ 11 mm