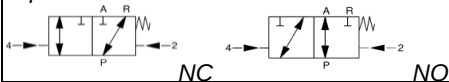


Media: air – water – oil - vacuum
 Pressure range: 0 to 64 bar max
 Media temperature: -20°C to +100°C
 Ambient temperature: -30°C to +50°C
 Media viscosity: 500 centistokes max
 Mounting: any position
 Air pilot: 3 - 8 bar
 Open / Close 50 – 1000 mSec



3/2 Brass & Stainless

1/4 – 2" COAXIAL

N/CLOSED & N/OPEN

3 WAY PNEUMATIC

0 - 64 Bar

TYPE 380



PRESSURE

Port BSP	Ø Orifice (mm)	Flow	Pressure Rating (Bar)			Body Material	Part Number	
		Kv M³/Hr	min	Max.				
				P⇒A P⇒R	A⇒P R⇒P			
1/4, 3/8, 1/2	10	2.5	0	64	16	Brass	380A10MOG + port	
3/8, 1/2, 3/4	15	6.6	0	64	16	Brass	380A15MOG + port	
1/2, 3/4, 1	20	10.0	0	64	16	Brass	380A20MOG + port	
3/4, 1, 1 1/4	25	12.2	0	64	16	Brass	380A25MOG + port	
1, 1 1/4, 1 1/2	32	17.9	0	64	16	Brass	380A32MOG + port	
1 1/2	40	41.5	0	64	16	Brass	380A40MOG112	
2	50	43.0	0	64	16	Brass	380A50MOG2	
1/4, 3/8, 1/2	10	2.5	0	64	16	St.St.303	380A10V2G + port	
3/8, 1/2, 3/4	15	6.6	0	64	16	St.St.303	380A15V2G + port	
1/2, 3/4, 1	20	10.0	0	64	16	St.St.303	380A20V2G + port	
3/4, 1, 1 1/4	25	12.2	0	64	16	St.St.303	380A25V2G + port	
1, 1 1/4, 1 1/2	32	17.9	0	64	16	St.St.303	380A32V2G + port	
1 1/2	40	41.5	0	64	16	St.St.303	380A40V2G112	
2	50	43.0	0	64	16	St.St.303	380A50V2G2	
1/4, 3/8, 1/2	10	2.5	0	64	16	St.St.316	380A10V4G + port	
3/8, 1/2, 3/4	15	6.6	0	64	16	St.St.316	380A15V4G + port	
1/2, 3/4, 1	20	10.0	0	64	16	St.St.316	380A20V4G + port	
3/4, 1, 1 1/4	25	12.2	0	64	16	St.St.316	380A25V4G + port	
1, 1 1/4, 1 1/2	32	17.9	0	64	16	St.St.316	380A32V4G + port	
1 1/2	40	41.5	0	64	16	St.St.316	380A40V4G112	
2	50	43.0	0	64	16	St.St.316	380A50V4G2	

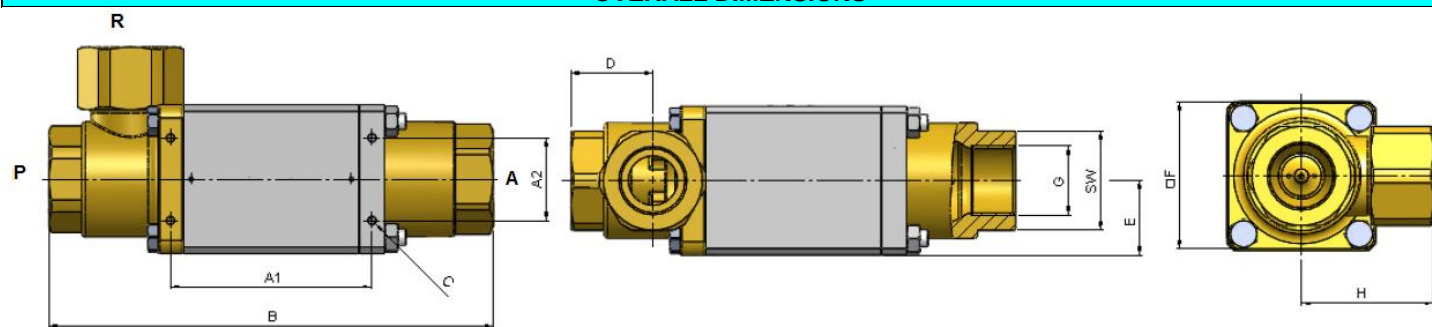
OPTIONS

Normally Open (380B)
 PTFE Seals
 Namur Valve CY52002S single acting spring close
 Namur Valve CY52002D double acting
 ATEX 22001EX Coil: ATEX EExmIT4 II 2G & 2D IP65 T130°C
 E1 Open or Closed position feedback switch
 E2 Open & Closed position feedback switches
 Many other options available upon request – Vacuum – Nickel Plated – Free of oil and Grease – Flanged – Mounting Brackets

CONSTRUCTION

Body: Brass MS058 (MO): Optional St steel 303 (V2G) or 316L (V4G)
 Tube and internal parts: Stainless steel
 Seals: Static FKM, Dynamic PTFE + FKM, Seat PTFE

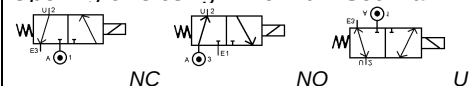
OVERALL DIMENSIONS



DN	G	SW	A1 (mm)	A2 (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	Kg
10	1/4 3/8 1/2	32	84	-	166.5	M4	32	25	50	37	1.8
15	3/8 1/2 3/4	41	100	-	200	M5	38.5	35	70	60	3.2
20	1/2 3/4 1	46	108	-	228	M5	45.5	40	80	72	4.6
25	3/4 1 1 1/4	55	121	-	252	M5	48	45	90	80	6.5
32	1 1 1/4 1 1/2	60	122	50	269	M6	49.5	45	90	80	7.6
40	1 1/2	75	131	60	304	M6	56.5	55	110	84	12.1
50	2	75	131	80	304	M6	56.5	55	110	84	12.1

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Media: air – water – gas – light oil - vacuum
 Pressure range: 0 to 15 bar max
 Media temperature: 100°C max
 Ambient temperature: -10°C to +50°C max
 Media viscosity: 40 centistokes max
 Mounting: any position
 Weight (including coil): 280 g
 Opening or Closing Time: 20 mSec Max



3/2 Brass

1/8 – 1/4

N/C, N/O & UNIVERSAL

3 WAY DIRECT ACTING

0 – 15 Bar

TYPE 300201



PRESSURE

Type	Ø Port BSP	Ø Orifice (mm)	Flow	Pressure Rating (bar) ΔP				Part Number
			Kv Ltr/Min	Min	AC 10 Watt Coil	DC 10 Watt Coil	DC 14 - 20Watt Coil	
3/2 NC	1/8	1.5	1.2	0	15	15	-	315201 + seal + 0181 + voltage
		2	1.7	0	13	13	-	320201 + seal + 0181 + voltage
		2.5	2.2	0	10	10	-	325201 + seal + 0181 + voltage
	1/4	1.5	1.2	0	15	15	-	315201 + seal + 0141 + voltage
		2	1.7	0	13	13	-	320201 + seal + 0141 + voltage
		2.5	2.2	0	10	10	-	325201 + seal + 0141 + voltage
3/2 NO	1/4	1.5	1.2	0	15	15	-	315201 + seal + 0140 + voltage
		2.5	2.2	0	9	9	-	325201 + seal + 0140 + voltage
		3	2.8	0	6.5	6.5	-	330201 + seal + 0140 + voltage
3/2 U	1/4	1.5	1.2	0	9	-	10*	315201 + seal + 0142 + voltage + coil
		2.5	2.2	0	6	-	6*	325201 + seal + 0142 + voltage + coil
		3	2.8	0	2	-	3*	330201 + seal + 0142 + voltage + coil

OPTIONS

Connector PG9 – DIN 43650 A
 NBR, EPDM or FKM seals
 Manual Over ride
 NPT Thread

*High Power 14 – 20 Watt coil for DC

Explosion Proof Enclosure ATEX II 2 G/D EexdIICt6, IP65 85°C

ATEX EExmIIT4 according to ATEX II 2G T4 IP65 130C (10 watts)

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
			Inrush	Holding			
~	24 - 48 - 110 - 230 - 380 (50/ 60Hz)	11630	26 VA	14 VA	F 155°C	IP 65 with connector	3 spades DIN 43650A DIN 40050 VDE 0110
=	12 - 24 – 48 – 80 – 190 (DC)	11630	10 Watts				
		31400	14 - 20 Watts				

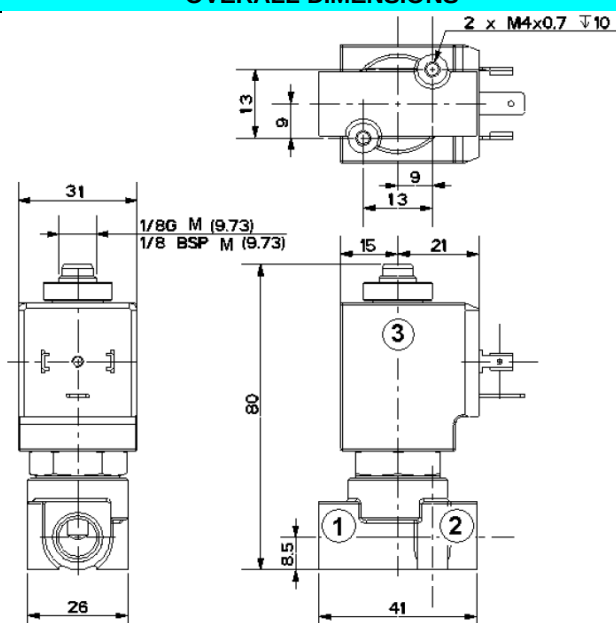
CONSTRUCTION

Body: Brass Exhaust: 1/8 BSPM
 Tube and internal parts: Stainless steel
 Seals and gaskets: NBR or EPDM or FKM
 Moulded coil: Polyamide

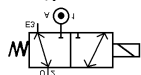
REPAIR KIT

Coil	Coil size (11630 or 31400) + voltage
Armature + Seal	SP + Valve Part Number -ARMATURE

OVERALL DIMENSIONS



Media: compressed air
 Pressure range: 0 to 10 bar max
 Media temperature: 100°C max
 Ambient temperature: -10° to +50°C max
 Media viscosity: 40 centistokes max
 Opening or Closing time: 50 mSec Max
 Mounting: any position
 Weight: 2200g / 2500g



Universal

3/2 Stainless

1/4 - 1/2

UNIVERSAL

DIRECT OPERATED

0 – 10 Bar

TYPE 390



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow	Pressure (bar) ΔP		Seals	Media Temp. Max °C	Part Number
		Kv Ltr/Min	Min	Max			
1/4	6	5	0	10	NBR FKM	60 100	30639010 + 0142 + voltage 30639020 + 0142 + voltage
3/8 1/2	9	13	0	10	NBR FKM	60 100	30939010 + port + voltage 30939020 + port + voltage

OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A
 Manual override or manual reset
 NPT thread

1/4 306 Series

Explosion Proof Enclosure ATEX II 2 G/D EEx d IIC T6, IP65 85°C

Other custom made options available upon request - EExmII T4 ATEX II 2G T4 IP65 T130C

IP65 Coil & Connector PG9 – DIN 43650 A

3/8 & 1/2 309 Series

Manual override

NPT thread

Explosion Proof Enclosure ATEX II 2 G/D EExd IIC T6, IP65 85°C

Other custom made options available upon request – EExmII T4 ATEX II 2G T4 IP65 T130C

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous Duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
			Inrush	Holding			
~	24 – 48 – 110 - 230 (50 or 60 Hz) (With bridge rectifier to DC)	31037	14 W		F 155°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
=	12 – 24 - 48						

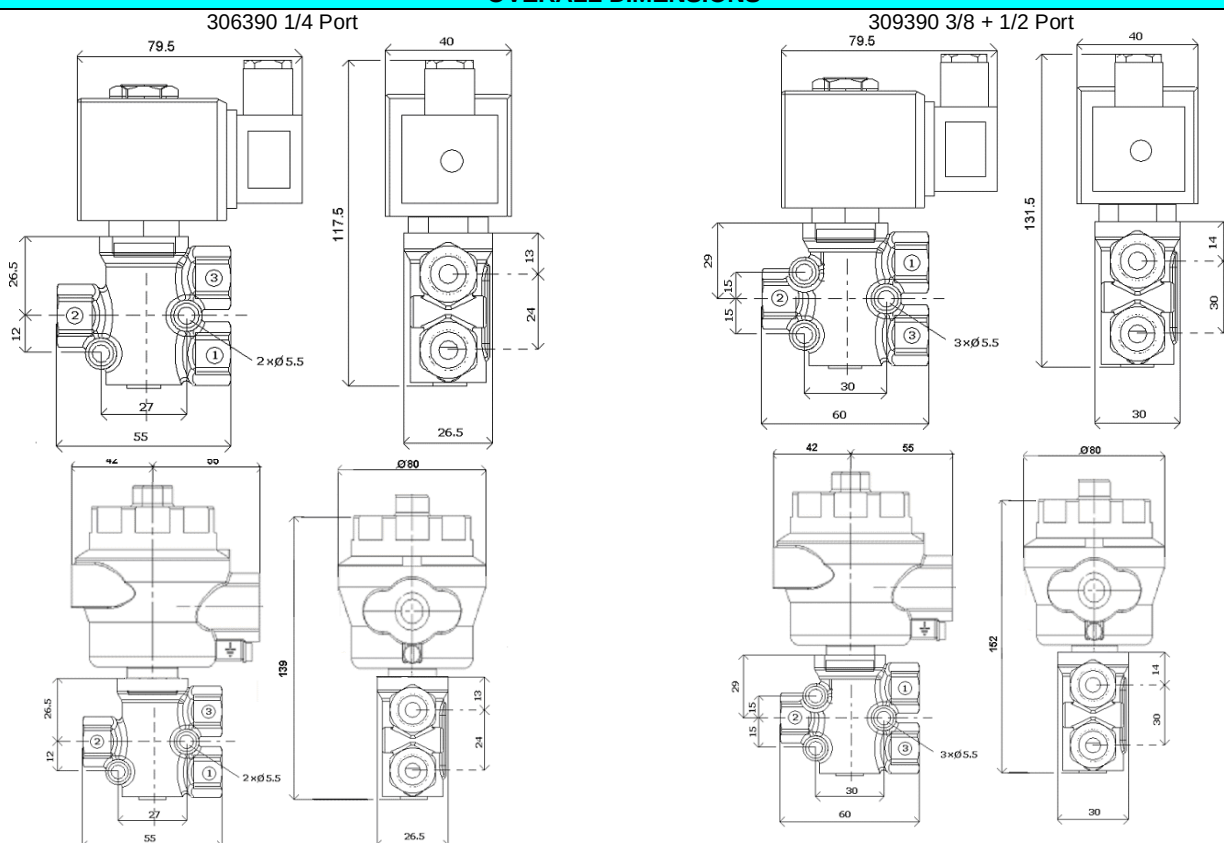
CONSTRUCTION

Body: 316 Stainless steel
 Tube and internal parts: stainless steel
 Seals and gaskets: NBR or FKM
 Moulded coil: resin

REPAIR KIT

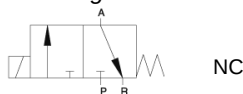
Coil	31037 + voltage
Complete plunger + O'ring + complete piston	KIT + valve part number

OVERALL DIMENSIONS



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Media: air – water – gas – light oil - vacuum
 Pressure range: 0 to 7 Bar max
 Media temperature: +100°C max
 Ambient temperature: -10°C to +50°C max
 Media viscosity: 40 centistokes max
 Mounting: any position
 Weight (including coil): 270/370g
 Opening or Closing time: 20 mSec Max



3/2 Aluminium

N/CLOSED (M5 Exhaust)

3 WAY DIRECT ACTING

TYPE AM325



PRESSURE

Ø Port	Ø Orifice (mm)	Flow Rate Cv Ltr/ min	Pressure Rating (Bar)		Part Number
			Min	Max	
1/4 BSP	2.2	2.3	0	6	AM325-02S + voltage
3/8 BSP	2.3	2.5	0	6	AM325-03S + voltage

OPTIONS

IP65 Coil + Connector PG9 – DIN 43650 A
 ATEX EExmIIT4 II 2G & 2D IP65 T130°C 
 NPT Thread

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%		Coil Size	Power		Insulation class	Enclosure	Electrical connections
			Inrush	Holding			
~	12-24-48-110-220-240-380 (50/60 Hz)	22003	23VA	17VA	H 180°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
=	12-24-48-110-220 (DC)		15 Watts				

CONSTRUCTION

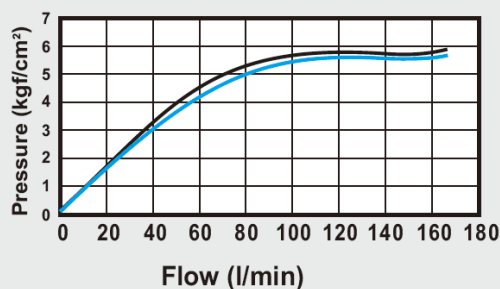
Body: Anodised Aluminium Alloy
 Tube and internal parts: Stainless steel
 Seals and gaskets: NBR
 Moulded coil: Resin

REPAIR KIT

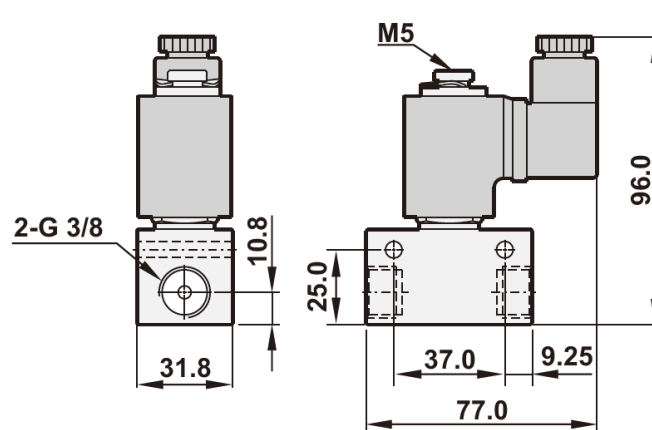
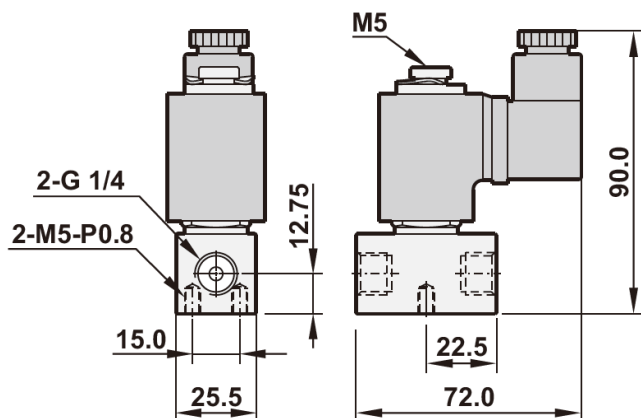
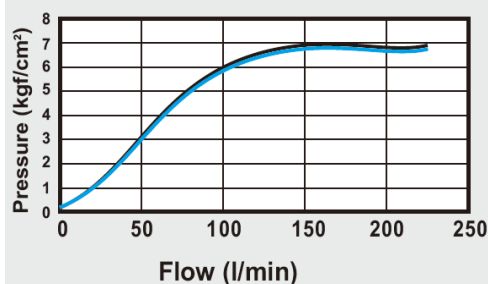
Coil	11630 + voltage
Complete plunger + O' rings	KIT325 + port + seal material

OVERALL DIMENSIONS

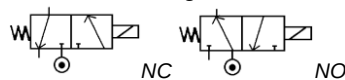
Model: AM325-02-S



Model: AM325-03-S



Media: air – water – light oil - vacuum
 Pressure range: 0 to 8 bar max
 Media temperature: 60°C max
 Ambient temperature: -10°C to +50°C
 Media viscosity: 40 centistokes max
 Mounting: any position
 Weight (including coil): 155 g
 Opening / Closing Time: 20 mSec Max



3/2 Aluminium

1/8 – 1/4

N/OPEN + N/CLOSED

3 WAY DIRECT ACTING

0 – 8 Bar

TYPE PU320/300



PRESSURE

Ø Port BSP	Exhaust	Orifice (mm) Ø	Flow Kv Ltr/ min	Pressure (bar) ΔP		Seals	Max Media Temp °C	Part Number	
				Min	Max				
1/8 N/CLOSED	M5	1.4	1	0	8	NBR EPDM FKM	80 160 130	PU32001A + voltage PU32001E + voltage PU32001V + voltage	
1/4 N/CLOSED	M5	1.4	1	0	8	NBR EPDM FKM	80 160 130	PU32002A + voltage PU32002AE + voltage PU32002AV + voltage	
1/8 N/OPEN	1/8 BSP	1.4	1	0	8	NBR EPDM FKM	80 160 130	PU30001A + voltage PU30001AE + voltage PU30001AV + voltage	
1/4 N/OPEN	1/4 BSP	1.4	1	0	8	NBR EPDM FKM	80 160 130	PU30002A + voltage PU30002AE + voltage PU30002AV + voltage	

OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A (optional 30cm flying lead wire coil)

Manifold kit (2 X nuts + washers + bolts + O Ring)

NPT thread

ATEX 22001EX Coil: ATEX EExmII T4 II 2G & 2D IP65 T130°C

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
			Inrush	Holding			
~	12 - 24 – 48 - 110 - 220 (50/60 Hz)	22001	11.6 VA	8.5 VA	F 155°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
=	12 – 24 - 48 – 110 (DC)		4.8 W				

CONSTRUCTION

Body: Anodised Aluminium

Tube and internal parts: Stainless steel

Seals and gaskets: NBR (Optional EPDM & FKM)

Moulded coil: Resin

Test pressure: 10 Bar

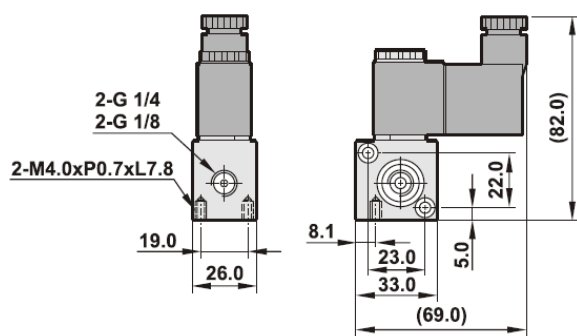
For normally open Inlet in through the top brass fitting.

REPAIR KIT

Coil	22001 + voltage
Complete plunger + O' rings	32001+ seal material

OVERALL DIMENSIONS

PU320



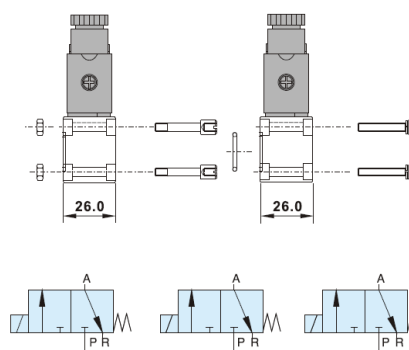
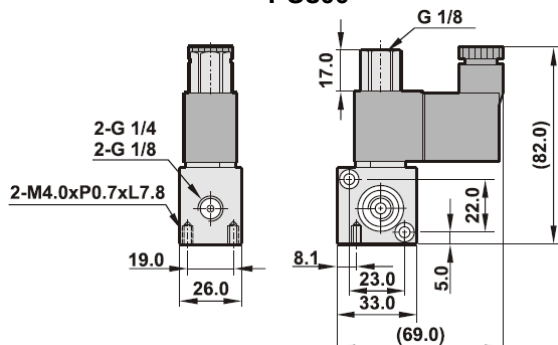
Manifold



Mounting Kit

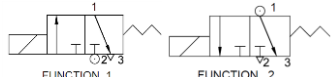


PU300



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Media: air – water – gas – light oil – vacuum
 Pressure range: 0 to 13 Bar max
 Media temperature: +120°C max
 Ambient temperature: -10°C to +50°C max
 Media viscosity: 50 centistokes max
 Mounting: any position
 Weight (including coil) 280 g
 Opening / Closing time: 15- 40 mSec Max



3/2 Stainless

1/8 – 1/4

NORMALLY CLOSED

3 WAY DIRECT ACTING

0 – 13 Bar

TYPE ST03/06



PRESSURE

Ø Port BSP	Ø Orifice (mm)		Flow	Pressure Rating (Bar)					Seals	Part Number	
			Kv Ltr/Min	Min	Coil 22001 Max		Coil 830 Max				
	Body	Top			F 1	Function 2	F 1	Function 2			
1/8	0.8	1.0	0.3	0	10	10	13	13	Coil 22001 4.8 Watt -5 +80°C	ST031F + seal + voltage + coil	
	1.0		0.5	0	7		10			ST032F + seal + voltage + coil	
	1.2		0.8	0	5		7			ST033F + seal + voltage + coil	
	1.6	1.2	1.5	0	4	7	5	10		ST034F + seal + voltage + coil	
	2.0		2.3	0	3		4			ST035F + seal + voltage+ coil	
	2.4	1.5	3	0	1	5	3	7		ST036F + seal + voltage + coil	
	3.0		3.8	0	0.5		1			ST037F + seal + voltage + coil	
1/4	0.8	1.0	0.3	0	10	10	13	13	Coil 830 *6.8 Watt NBR +80°C *FKM +120°C *Kalrez +120°C	ST061F + seal + voltage + coil	
	1.0		0.5	0	7		10			ST062F + seal + voltage + coil	
	1.2		0.8	0	5		7			ST063F + seal + voltage + coil	
	1.6	1.2	1.5	0	4	7	5	10		ST064F + seal + voltage + coil	
	2.0		2.3	0	3		4			ST065F + seal + voltage + coil	
	2.4	1.5	3	0	1	5	3	7		ST066F + seal + voltage + coil	
	3.0		3.8	0	0.5		1			ST067F + seal + voltage + coil	

OPTIONS

IP65 Coil & Connector PG9 – DIN 43650B
 NPT Thread
 *830PL6 6.8 Watt High Power 30mm coil
 Silver Shading Ring for AC voltages
 ATEX 22001EX Coil: ATEX EExmIIT4 II 2G & 2D IP65 T130°C (Pressure same as coil 22001)
 *FKM Seals
 *Kalrez Seals
 Exhaust Accessories ST0**F= BSP Exhaust – blank=M5 female – P= 1/8 PT Male - C=Anti Dust Silent Cap

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
			Inrush	Holding			
~	24 - 48 - 110 - 230 - 380 (50 or 60 Hz)	22001	12VA	6.9VA	F 155°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
=	12 – 24 - 48 (DC)		4.8 Watts				
~	24 - 48 - 110 – 230 (50 or 60 Hz)	830PL6	15VA	10.5VA			
=	12 - 24 (DC)		6.8 Watts				

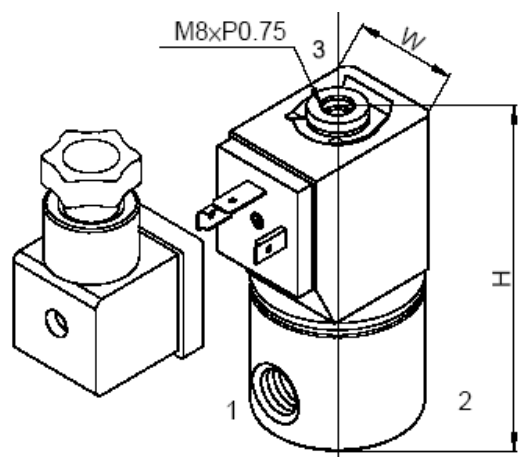
CONSTRUCTION

Body: AISI303 Stainless steel
 Tube and internal parts: AISI304 stainless steel
 Head & plunger: AISI 430Fr Stainless steel
 Seals and gaskets: NBR (Optional FKM, FFKM and Kalrez)
 Moulded coil: Duroplast / Thermo set resin
 Exhaust 1/8 BSP Female (See options above)

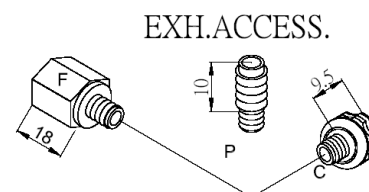
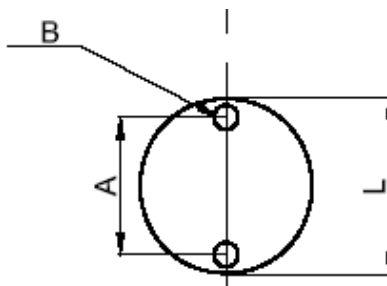
REPAIR KIT

Coil	Coil size (coil 22001 or coil 830PL6) + voltage
Complete plunger + O' rings	SP + Valve Part Number - ARMATURE

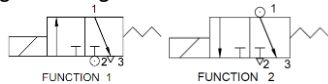
OVERALL DIMENSIONS



Port	L	W 22001 Coil	W 830 Coil	H	A	B
1/8	25	22	30	61	18	M4x0.7
1/4	30	22	30	65	23	M4x0.7



Media: air – water – gas – light oil – vacuum
 Pressure range: 0 to 16 Bar max
 Media temperature: -5°C to +145°C max
 Ambient temperature: -10°C to +50°C max
 Media viscosity: 50 centistokes max
 Mounting: any position
 Weight (including coil) 510g
 Opening / Closing time: 6- 20 mSec Max



3/2 Stainless

1/4 - 3/8

NORMALLY CLOSED

3 WAY DIRECT ACTING

0 – 16 Bar

TYPE ST08/10



PRESSURE

Ø Port BSP	Ø Orifice (mm)		Flow	Pressure Rating (Bar)					Seals	Part Number	
			Kv Ltr/Min	Min	Max 22003 Coil		Max 22005 Coil				
	Body	Top			F 1	Function 2	F 1	Function 2			
1/4	1.3	1.6	1.2	0	10	13	13	16	NBR -5 +80°C *FKM -10 +145°C *Kalrez -10 +145°C	ST081F + seal + voltage + coil	
	1.6		1.7	0	7		10			ST082F + seal + voltage + coil	
	2.0		2.5	0	5		7			ST083F + seal + voltage + coil	
	2.5	2.0	3.3	0	4	10	5	13		ST084F + seal + voltage + coil	
	3.0		5.1	0	3		4			ST085F + seal + voltage + coil	
	4.0		9	0	2		3			ST086F + seal + voltage + coil	
	5.0	2.8	13	0	1	7	2	10		ST087F + seal + voltage + coil	
	3/8	1.3	1.6	1.2	0	10	13	13		16	
1.6		1.7		0	7	10		ST102F + seal + voltage + coil			
2.0		2.5		0	5	7		ST103F + seal + voltage + coil			
2.5		2.0	3.3	0	4	10	5	13		ST104F + seal + voltage + coil	
3.0			5.1	0	3		4			ST105F + seal + voltage + coil	
4.0			9	0	2		3			ST106F + seal + voltage + coil	
5.0		2.8	13	0	1	7	2	10		ST107F + seal + voltage + coil	

OPTIONS

IP65 Coil and Connector PG9 DIN43650A
 NPT Thread
 22005 18.5 Watt High Power coil
 ATEX 22003EX Coil: ATEX EExmIIT4 II 2G & 2D IP65 T130°C (Pressure same as 15 Watt 22003 coil)
 FKM (V) seal
 Kalrez (Z) seal
 Exhaust Accessories ST0**F= BSP Exhaust – blank=M5 female – P= 1/8 PT Male - C=Anti Dust Silent Cap
 Other custom made options available upon request

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
			Inrush	Holding			
~	12-24-48-110-220-240-380 (50/60 Hz)	22003	30VA	22VA	H 180°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
=	12-24-48-110-220 (DC)		15 Watts				
~	24 - 48 - 110 – 230 (50 or 60 Hz)	22005	33VA	24VA			
=	12 - 24 - 48 – 110 - 220(DC)		18.5 Watts				

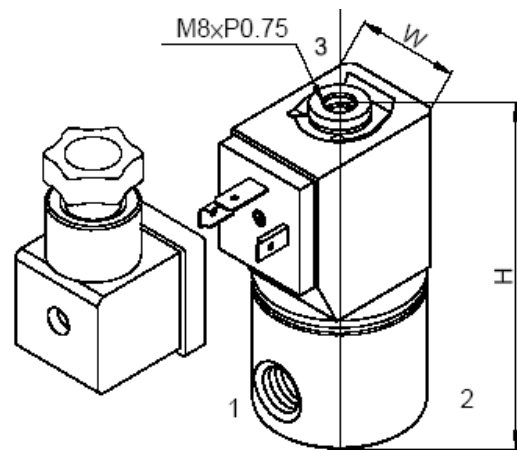
CONSTRUCTION

Body: AISI303 Stainless steel
 Tube and internal parts: AISI304 stainless steel
 Head & plunger: AISI 430Fr Stainless steel
 Seals and gaskets: FKM (Optional NBR)
 Moulded coil: Duroplast / Thermo set resin
 Exhaust 1/8 BSP Female (F) see options above

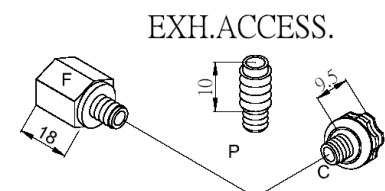
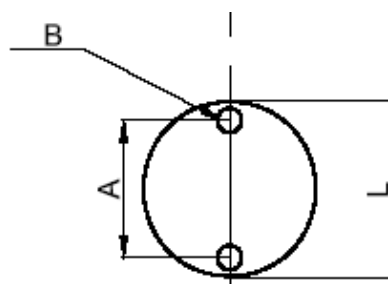
REPAIR KIT

Coil	Coil size (22003 or 22005) + voltage
Complete plunger + O' rings	SP + Valve Part Number -ARMATURE

OVERALL DIMENSIONS



Port	L	W 22003	W 22005	H	A	B
1/4	40	30	36	85.5	31	M5x0.8
3/8	40	30	36	85.5	31	M5x0.8



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Media: air 40 Micron or better
 Pressure range: 2 to 8 Bar max
 Mounting: any position
 Seals: NBR+ HNBR
 Opening & Closing: 50mSec Max
 Cycles per sec: 8 Max
 Temp: -20°C to +60°C (-40°C +150°C*)
 Cycle life: 1,000,000+



EExd IIC T6 3/2 **Namur + 1/4" BSP** **NORMALLY CLOSED** **Direct Acting** **TYPE SV12-10F/P**



Single Direct Acting Normally Closed

Ø Port	Ø Orifice mm	Function	Working Temp °C	Pressure Rating (Bar)		Protection	Body Material	Part Number	
				Min	Max				
1/4BSP + Namur	1.3	3/2	-20 to +60	0	8	EExdIIC T6	Aluminium	SV110FP1C5 + voltage	
							AISI316	SV210FP1C4 + voltage	

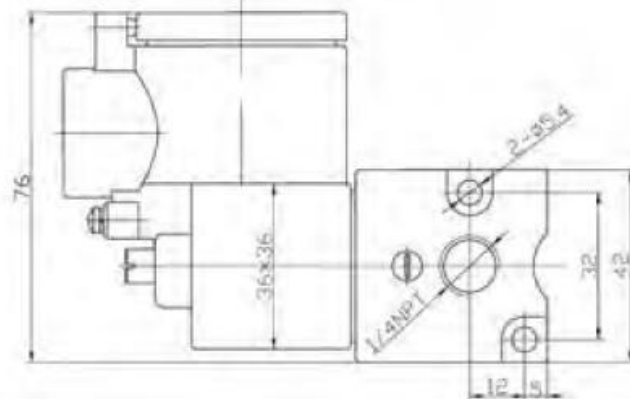
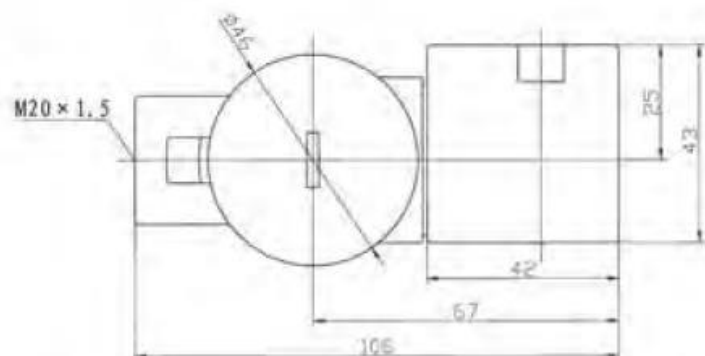
OPTIONS

EExdIIC T6 Conduit entry M20x1.5mm(M20) option 1/2"NPTF (N12)
 EExdIIC T6 ATEX explosion proof certified
 Manual Over Ride (screwdriver slot)
 Thread & Namur mount with same body
 NPT Thread (N)
 *Special working temperature: -40°C +80°C (+150°C custom option), 1/8" port

ELECTRICAL DATA

Voltage (-10% + 10%) Continuous duty 100%		ATEX Coil	Power Consumption	Insulation class	Enclosure	
~	110 - 230 (50 or 60 Hz)	EEx d Coil C4 316 Stainless	4VA	F 155°C	IP 66 M20x1.5 or 1/2"NPTF	
=	24 (DC)		3.5 Watts			
~	110 - 230 (50 or 60 Hz)	EEx d Coil C5 Aluminium Epoxy Coated	4VA			
=	24 (DC)		3.5 Watts			

OVERALL DIMENSIONS

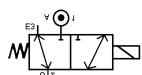


SV210F/P1C4



SV110F/P1C5

Media: air – water – gas – light oil
 Pressure range: 0 to 11 Bar max
 Media temperature: -10°C +80°C max
 Ambient temperature: -20° to +60°C
 Media viscosity: 50 centistokes max
 Mounting: any position
 Weight: 460g / 670g



Universal

3/2 Brass

1/4

UNIVERSAL

3 WAY DIRECT ACTING

0 – 11 Bar

TYPE VX



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/ min	Coil	Pressure Rating (Bar)				Part Number	
				Min	Max AC	Max DC	Seal		
1/4	1.6	1.5	WPG1	0	7	4.9	NBR	VX3121N + voltage	
							FKM	VX3121V + voltage	
	2.2	2.7	WPG1	0	5	3.5	NBR	VX3122N + voltage	
							FKM	VX3122V + voltage	
	1.6	1.5	WPG2	0	11	7.7	NBR	VX3221N + voltage	
							FKM	VX3221V + voltage	
	2.2	2.7	WPG2	0	7	4.9	NBR	VX3222N + voltage	
							FKM	VX3222V + voltage	

OPTIONS

IP67 (EN60529:1991+A1:2000) UL + CSA Approved Coil + IP65 Connector PG11 with LED – DIN 43650 A
 NPT Thread

ELECTRICAL DATA

Voltage (-10% + 10%) Continuous duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
~			Inrush	Holding			
=	24 - 48 - 110 - 230 - 380 (50 or 60 Hz)	WPG1	11.2VA	8.2VA	H 180°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
=	12 - 24 - 48 (DC)		12 Watts				
~	24 - 48 - 110 - 230 - 380 (50 or 60 Hz)	WPG2	18.7VA	15.3VA			
=	12 - 24 - 48 (DC)		18 Watts				

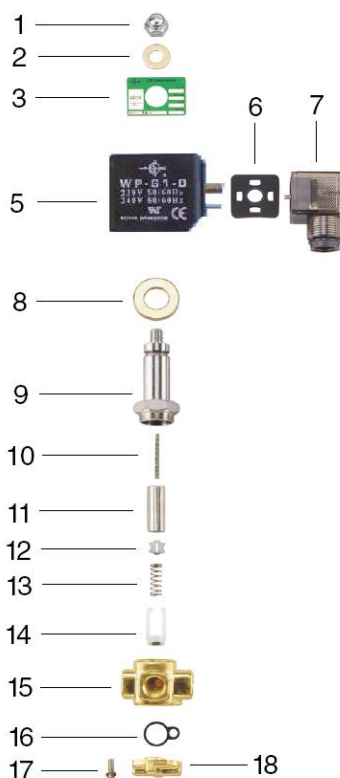
CONSTRUCTION

Body : Brass
 Tube and Spring: 304 Stainless Armature: 430F Stainless Other internal parts: Stainless
 Seals and gaskets: NBR or FKM
 Moulded coil: Resin

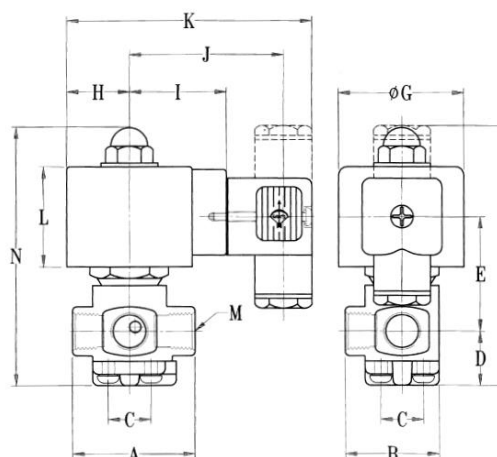
REPAIR KIT

Coil	Coil (WPG1 or WPG2) + voltage
Armature Assembly	SP + Valve Part Number -ARMATURE

OVERALL DIMENSIONS



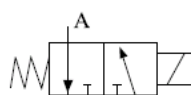
Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
VX31	43	33	15	19	46	96	35	20	33	54	86	33	1/4	92
VX32	43	33	15	19	48	98	40	23	35	56	89	38	1/4	95



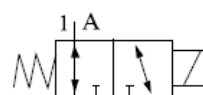
Inlet C= Normally Closed

Inlet O= Normally Open

Inlet A= Universal



Normally closed

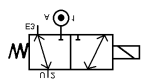


Universal



Normally open

Media: air – water – gas – light oil
 Pressure range: 0 to 11 Bar max
 Media temperature: -10 °C +80°C max
 Ambient temperature: -20° to +60°C
 Media viscosity: 50 centistokes max
 Mounting: any position
 Weight: 460g / 670g



Universal

3/2 Stainless Steel

1/4

UNIVERSAL

3 WAY DIRECT ACTING

0 – 11 Bar

TYPE VXS



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/ min	Coil	Pressure Rating (Bar)				Part Number	
				Min	Max AC	Max DC	Seal		
1/4	1.6	1.5	WPG1	0	7	4.9	NBR	VXS3121N + voltage	
							FKM	VXS3121V + voltage	
	2.2	2.7	WPG1	0	5	3.5	NBR	VXS3122N + voltage	
							FKM	VXS3122V + voltage	
	1.6	1.5	WPG2	0	11	7.7	NBR	VXS3221N + voltage	
							FKM	VXS3221V + voltage	
	2.2	2.7	WPG2	0	7	4.9	NBR	VXS3222N + voltage	
							FKM	VXS3222V + voltage	

OPTIONS

IP67 (EN60529:1991+A1:2000) UL + CSA Approved Coil + IP65 Connector PG11 with LED – DIN 43650 A
 NPT Thread

ELECTRICAL DATA

Voltage (-10% + 10%) Continuous duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
			Inrush	Holding			
~	24 - 48 - 110 - 230 - 380 (50 or 60 Hz)	WPG1	11.2VA	8.2VA	H 180°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
=	12 - 24 - 48 (DC)		12 Watts				
~	24 - 48 - 110 - 230 - 380 (50 or 60 Hz)	WPG2	18.7VA	15.3VA			
=	12 - 24 - 48 (DC)		18 Watts				

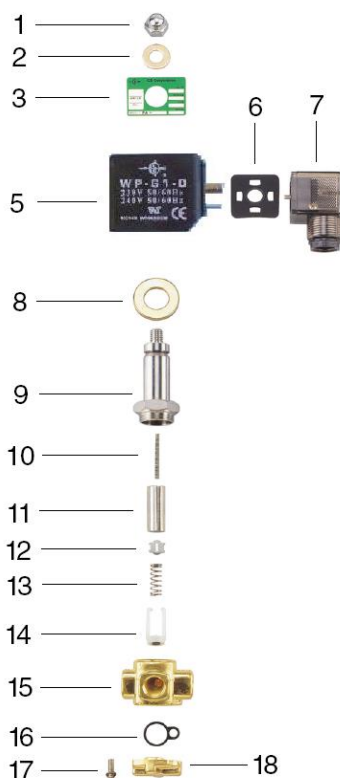
CONSTRUCTION

Body : 316 stainless steel
 Tube and Spring: 304 Stainless Armature: 430F Stainless Other internal parts: Stainless
 Seals and gaskets: NBR or FKM
 Moulded coil: Resin

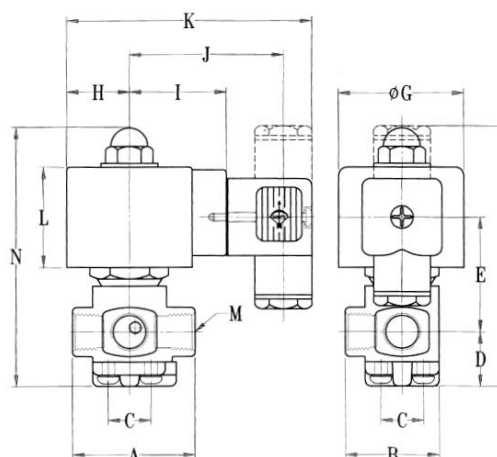
REPAIR KIT

Coil	Coil (WPG1 or WPG2) + voltage
Armature Assembly	SP + Valve Part Number -ARMATURE

OVERALL DIMENSIONS



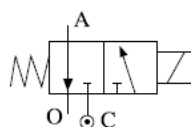
Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
VXS31	43	33	15	19	46	96	35	20	33	54	86	33	1/4	92
VXS32	43	33	15	19	48	98	40	23	35	56	89	38	1/4	95



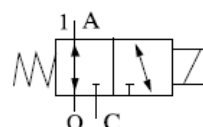
Inlet C= Normally Closed

Inlet O= Normally Open

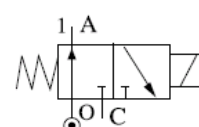
Inlet A= Universal



Normally closed



Universal



Normally open