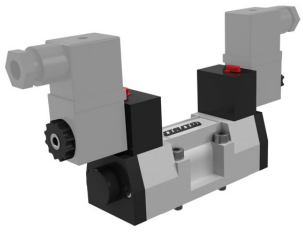
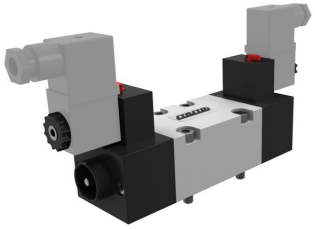
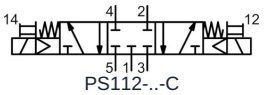
Partnership. With Guarantee.

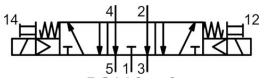
5/3-Way solenoid valve pilot-operated, ISO1 and ISO2 Series PS112







PS112-..-C



PS112-..-0

Design type	5/3-way solenoid valve pilot-operated, Actuation electric/electric, Manual emergency override, according to ISO 5599/1 size ISO1 and ISO2
Materials	Body Aluminium, Slide valve Nickel-plated aluminium, Seals NBR
Mounting type	on single valve sub-base plate or rather Valve manifold base plates
Mounting position	any
Medium	filtered and lubricated or non-lubricated compressed air
Medium temperature	0...+40°C
Ambient temperature	-10...+50°C

Electrical Data:

Coil type	Type C001 (Standard coil), Connector width 22mm Type EPC (Coil for ATEX areas with 3 m cable) Type SCN Connector width 32mm
Electrical connection	connector 22mm according to industrial form B or rather 32mm according to EN175301-803-Form A (see separate data sheet)
Standard voltage	230V/50-60Hz, 24V/50-60Hz / 12VDC, 24VDC / 48V/50-60Hz
Special voltages	115V/50-60Hz, further on request
Permissible voltage fluctuation	±10%
Power consumption	see table "Solenoid coil"
Duty cycle	100% Duty cycle (continuous operation)
Degree of protection	IP65 according to EN 60529 with correctly mounted device connector (Protection against dust ingress and water jets)

Notes:

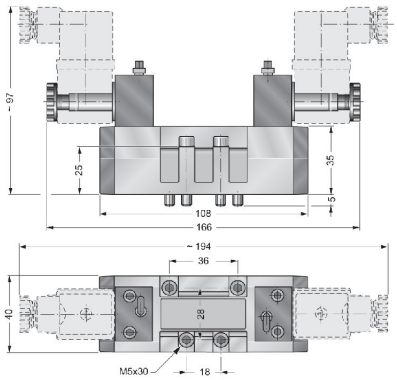
	When ordering, please specify voltage and type of current Technical documentation for base plate see separate data sheet CAD files are available in the STASTO Store at www.stasto.eu

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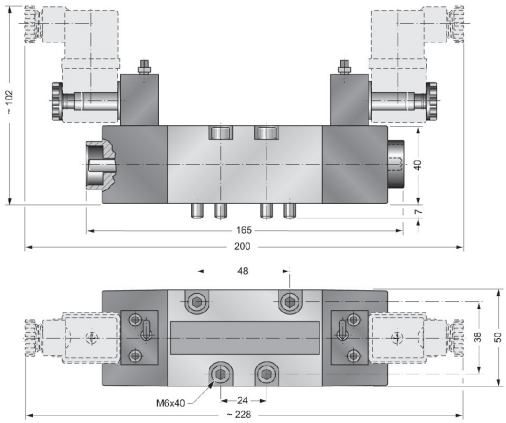
Type code

			PS112 - I1 - C - M S 22
		ISO1	I1
	Connection	ISO2	I2
		locked	C
	Center position	open	0
		EPC	E
		C001	M
	Coil	SCN	S
		without device socket (Leave blank)	
		Standard	S
		with integrated LED and VDR	L
	connector	with integrated LED, VDR and PVC cable (2 m)	V
		Coil C001 24VDC / 48V/50-60Hz, Coil EPC, SCN 24VDC	03
		Coil C001 24V/50-60Hz / 12VDC, Coil EPC, SCN 24V/50-60Hz	04
		12VDC	05
		230V/50-60Hz	22
	Voltage	115V/50-60Hz	23

Dimensions, Characteristics



ISO1



ISO2

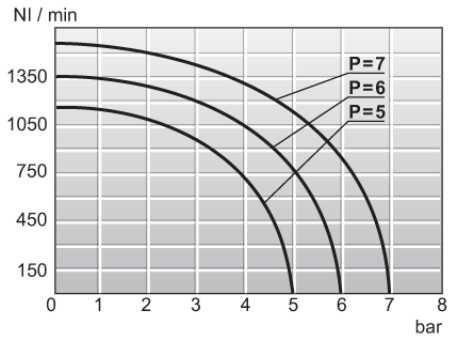
Size	Nominal size DN [mm]	Pressure range [bar]	Flow rate* [Nl/min]	Center position	nominal max. frequency [Hz]		Switching time [ms]				Type
					AC	DC	AC ONE	AC EXHAUST	DC ONE	DC EXHAUST	
ISO 1	8	3-10	800	locked	8	8	30	35	35	40	PS112-I1-C
ISO 1	8	3-10	800	open	8	8	30	35	35	40	PS112-I1-0
ISO 2	13	3-10	1800	locked	8	8	30	35	35	40	PS112-I2-C
ISO 2	13	3-10	1800	open	8	8	30	35	35	40	PS112-I2-0

*Reference pressure 6bar, Reference temperature 20°C

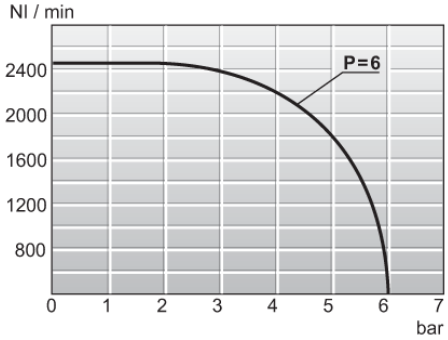
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Flow diagram

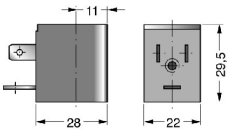
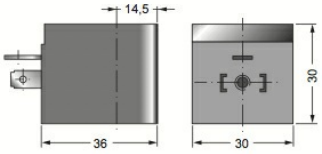
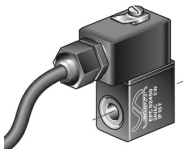
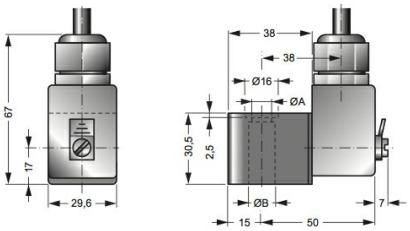


ISO 1



ISO 2

Solenoid coils

		Voltage	Degree of protection	Power consumption at 20°C	Type
		24VDC / 48V/50-60Hz	IP65	3W/5VA	C001-03
		24V/50-60Hz / 12VDC		5VA/3W	C001-04
		230V/50-60Hz		5VA	C001-22
		115V/50-60Hz		5VA	C001-23
		12VDC	IP65	3W	SCN01200
		24VDC		3W	SCN02400
		24V/50-60Hz		5VA	SCN02450
		110V/50-60Hz		5VA	SCN11050
		230V/50-60Hz		5VA	SCN23050
		24VDC	Ex II 2G Ex mb IIC T5 Gb Ex II 2D Ex mb tb IIIC T95°C IP66 Db	3,0W	EPC02400
		24V/50-60Hz		3,2W	EPC02450
		110V/50-60Hz		3,2W	EPC11050
		230V/50-60Hz		3,2W	EPC23050

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