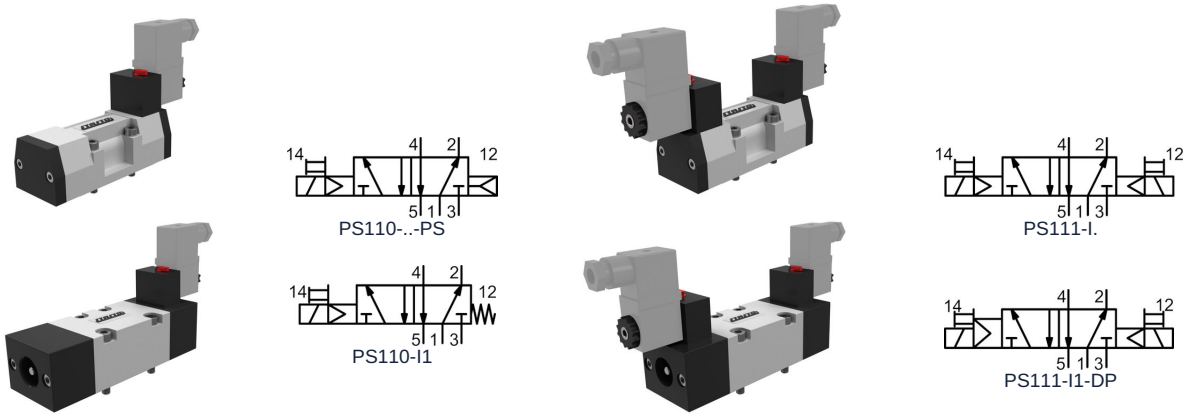
Partnership. With Guarantee.

5/2-Way solenoid valve pilot-operated, ISO1 and ISO2 Series PS110, PS111



Design type	5/2-way solenoid valve pilot-operated, Actuation electrical/internal pilot air, electric/spring, electric/electric or rather electrical differential, 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 properly mounted device socket connector (Protection against dust ingress and water jets)

Notes:

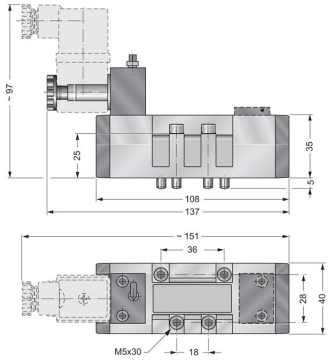
	When ordering, please specify voltage and type of current Technical documentation for base plate see separate data sheet CAD files are available in the STASTO Store at www.stasto.eu

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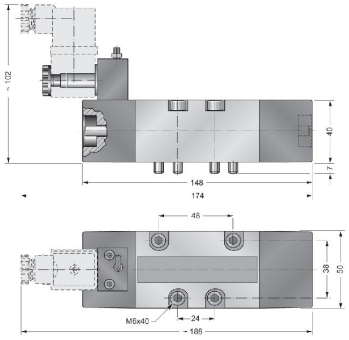
Type code

			PS110	-	I1	-	PS	-	M	S	22
		Actuation electric/internal pilot air or rather electric/spring	PS110								
	Version	Actuation electric/electric or rather electrical differential	PS111								
		ISO1			I1						
	Connection	ISO2			I2						
		Spring or rather electrical (Leave blank)									
		internal control air					PS				
	Resetting	electrical differential					DP				
		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

PS110 - ..... Actuation electric/internal pilot air or rather electric/spring



ISO 1



ISO2

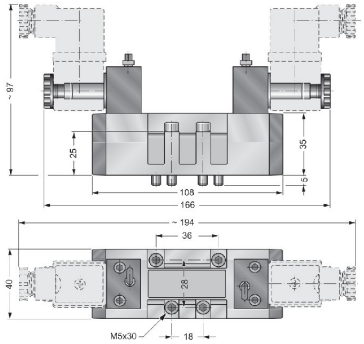
Size	Nominal size DN [mm]	Pressure range [bar]	Flow rate* [Nl/min]	Actuation	nominal max. frequency [Hz]		Switching time [ms]				Type
					AC	DC	AC ONE	AC EXHAUST	DC ONE	DC EXHAUST	
ISO 1	8	2,5-10	1080	electrical/internal pilot air	16	13	18	33	21	44	PS110-I1-PS
ISO 1	8	2,5-10	1080	electric/spring	-	-	-	-	-	-	PS110-I1
ISO 2	13	2,5-10	2200	electrical/internal pilot air	13	10	21	36	24	47	PS110-I2-PS

*Reference pressure 6bar, Reference temperature 20°C

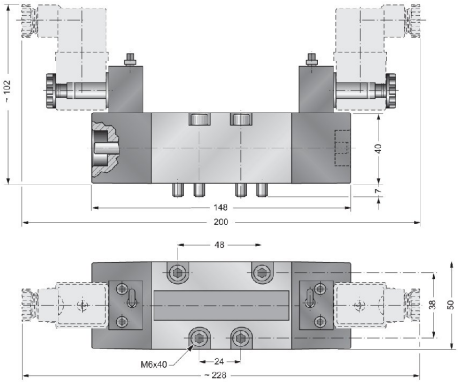
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PS111 - ..... Actuation electric/electric or rather electrical differential



ISO 1

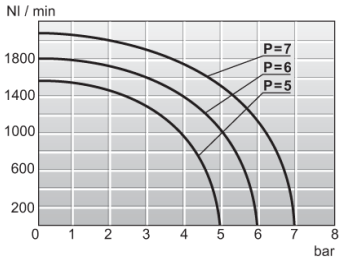


ISO2

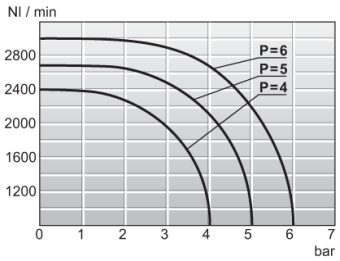
Size	Nominal size DN [mm]	Pressure range [bar]	Flow rate* [Nl/min]	Actuation	nominal max. frequency [Hz]		Switching time [ms]				Type
					AC	DC	AC ONE	AC EXHAUST	DC ONE	DC EXHAUST	
ISO 1	8	1,5-10	1080	electric/electric	27	21	11	11	14	14	PS111-I1
ISO 1	8	1,5-10	1080	electrical differential	25	19	11	12	14	15	PS111-I1-DP
ISO 2	13	1,5-10	2200	electric/electric	13	10	21	36	24	47	PS111-I2

*Reference pressure 6bar, Reference temperature 20°C

Flow diagram

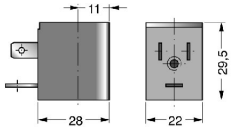
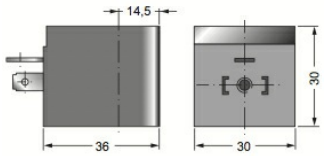
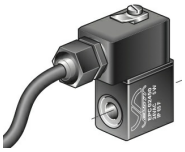
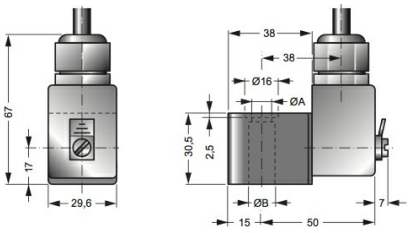


ISO 1



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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