

OSPP offers a wide range of options

- Increased load capacity

PROLINE	POWERSLIDE	STARLINE	KF GUIDE	HEAVY DUTY GUIDE HD
				
Roller guide for high loads and rough conditions	The compact aluminium roller guide for high loads and velocities. Optional with Active / Passive Brake.	Recirculating ball bearing guide for very high loads and precision.	Recirculating ball bearing guide	For heavy duty applications.

- Higher integration of complete solution / Higher compactness

OSPPBG BASIC GUIDE	INTEGRATED VOE VALVES
	
Compact, robust plain bearing guide for medium loads.	The complete compact solution for optimal cylinder control.

- Wider range of applications

PASSIVE BRAKE	ACTIVE BRAKE	VARIABLE STOP VS
		
Reacts automatically to pressure failure.	Pneumatic brake for secure, positive stopping at any position.	The variable stop provides simple stroke limitation.

- Solutions for special applications

OSPL	VITON™	CLEAN ROOM	ATEX
			
Leakage reduced version	For harsh environments	To ISO class 4	Gas and Dust

For additional information on pneumatic linear drives OSP-P, please refer to the catalogue



P8S Electric and Electronic sensors

P8S Series magnetic cylinder sensor enables quick, precise and contactless sensing of the piston's position in cylinders. It is easy to mount and can be used in numerous applications.

- Electronic PNP, NPN or electric Reed output.
- According to EN 60947-5-2, CE, C UL US, RoHs, Ex, IEC, IEC Ex.



Square body design, Insert straight in T-slot, screw 1/4 turn

Output, Function, Cable & Supply Voltage	Order Code		Output, Function, Cable & Supply Voltage	Order Code
With flying leads, PUR cable IP67	3 metre	10 metre	With M8 knurled screw, PUR cable IP67	0.3 metre
Electronic PNP-NC, with LED, 3-wire, 10-30 V DC	P8SAGQFAX	P8SAGQFDX	PNP-NC, with LED, 3-wire, 10-30 V DC	P8SAGQCHX
Electronic PNP-NO, with LED, 3-wire, 10-30 V DC	P8SAGPFAX	P8SAGPFDX	PNP-NO, with LED, 3-wire, 10-30 V DC	P8SAGPCHX
Electronic NPN-NC, with LED, 3-wire, 10-30 V DC	P8SAGMFAX	P8SAGMFDX		
Electronic NPN-NO, with LED, 3-wire, 10-30 V DC	P8SAGNFAX	P8SAGNFDX	NPN-NC, with LED, 3-wire, 10-30 V DC	P8SAGMCHX
Electric Reed-NO, with LED, 3-wire, 5-30 V AC/DC	P8SAGSFAX	P8SAGSFDX	NPN-NO, with LED, 3-wire, 10-30 V DC	P8SAGNCHX
Electric Reed-NO, with LED, 2-wire, 5-30 V AC/DC	P8SAGRFAX			
Electric Reed-NO, with LED, 2-wire, 5-230 V AC/DC		P8SAGRFDX2	Reed-NO, with LED, 3-wire, 5-30 V AC/DC	P8SAGSCHX
Electric Reed-NC, No LED, 2-wire, 5-120 V AC/DC		P8SAGEFRX1		
Electric Reed-NC, No LED, 2 wire, 5-30V AC/DC		P8SSAGEFRX	Reed-NC, No LED, 2-wire, 5-30 V AC/DC	P8SAGECNX
With flying leads, PVC cable IP67			Reed-NO, with LED, 2-wire, 5-30 V AC/DC	P8SAGRCHX
Electric Reed-NO, with LED, 3-wire, 5-30 V AC/DC	P8SAGSFLX			
Electric Reed-NO, with LED, 2-wire, 5-120 V AC/DC	P8SAGRFLX1			
Electric Reed-NO, with LED, 2-wire, 5-230 V AC/DC	P8SAGRFLX2			
Electronic PNP-NC, with LED, 3-wire, 10-30 V DC	P8SAGQFLX			
Electronic PNP-NO, with LED, 3-wire, 10-30 V DC	P8SAGPFLX	P8SAGPFTX		
Electric Reed-NO, with LED, 2-wire, 5-120 V AC/DC		P8SAGRFTX1		
Electric Reed-NO, with LED, 3-wire, 10-30 V AC/DC		P8SAGSFTX		
ATEX				
PNP-NO, with LED, 3-wire, 3 metre, 10-26 V DC, PUR		P8SAGPFAXS		
NAMUR-NO, with LED, 2-wire, 5 metre, 8.2-20 V DC, PVC		P8SAGDFMXW		
NAMUR-NO, with LED, 2-wire, 10 metre, 8.2-20 V DC, PVC		P8SAGDFTXW		

Note: All sensors are supplied with an adaptor for S-dovetail Parker type OSP grooves.

P8S Continuous Position Sensors

- Analogue or IO-Link function

Measuring length	Order Code	
	Analogue	IO-Link
32 mm	P8SAGACHA	P8SAGHMHA
64 mm	P8SAGACHB	P8SAGHMB
128 mm	P8SAGACHD	P8SAGHMD
192 mm	P8SAGACHF	P8SAGHMHF
256 mm	P8SAGACHH	P8SAGMHMH

Note: PUR cable with M12 (IO-Link) or M8 (Analogue), 4-pin, 0,3 meter length.



Mountings

For products series	Order Code
P1F-T Tie rods, VRS/VRA	P8S-TMA0X
OSPP Rodless T-Slot D10mm	8872FIL
P1A-S/P1S-S Round cylinder D10-25mm	P8S-TMC01
P1S Round cylinder D32-63mm	P8S-TMC02
OSPP/OSPL S-Dovetail, pack of 10 plastic adaptors	P8S-TMA09



T Series - Basic modules (without connector)

Valve Modules				Size 1		Size 2	
	Symbol	Description	Actuator	Pilot connector	Order code	Order code	
Size 1 Dual 4/2		4/2 Spring return	Solenoid	M8 Lockable	P2M1T4ES2C	P2M2T4ES2C	
			Clip		P2M1T4ES2CW	P2M2T4ES2CW	
			Air pilot	Push-In 4 mm OD	P2M1T4PS	P2M2T4PS	
		4/2 Double pilot	Solenoid	M8 Lockable	P2M1T4EE2C	P2M2T4EE2C	
			Clip		P2M1T4EE2CW	P2M2T4EE2CW	
			Air pilot	Push-In 4 mm OD	P2M1T4PP	P2M2T4PP	
Size 1		2 x 3/2 NC + NC with exhaust check valves	Solenoid	M8 Lockable	P2M1TDPP	P2M2TDPP	
			Clip		P2M1TCEE2C	P2M2TCEE2C	
			Air pilot	Push-In 4 mm OD	P2M1TCEPP	P2M2TCEPP	
		2 x 3/2 NO + NO with exhaust check valves	Solenoid	M8 Lockable	P2M1TDEE2C	P2M2TDEE2C	
			Clip		P2M1TDEE2CW	P2M2TDEE2CW	
			Air pilot	Push-In 4 mm OD	P2M1TDEPP	P2M2TDEPP	
		2 x 3/2 NC + NO with exhaust check valves	Solenoid	M8 Lockable	P2M1TEEE2C	P2M2TEEE2C	
			Clip		P2M1TEEE2CW	P2M2TEEE2CW	
			Air pilot	Push-In 4 mm OD	P2M1TEPP	P2M2TEPP	
Size 2		2 x 4/2 Spring return with exhaust check valves	Solenoid	M8 Lockable	P2M1TJEE2C		
			Clip		P2M1TJEE2CW		
			Air pilot	Push-In 4 mm OD	P2M1TJPP		
		3/2 NC with exhaust check valves	Solenoid	M8 Lockable	P2M1T3ES2C	P2M2T3ES2C	
			Clip		P2M1T3ES2CW	P2M2T3ES2CW	
			Air pilot	Push-In 4 mm OD	P2M1T3PS	P2M2T3PS	
		4/3 Centre exhaust 2 x 3/2 NC + NC without exhaust check valves	Solenoid	M8 Lockable	P2M1TGEE2C	P2M2TGEE2C	
			Clip		P2M1TGEE2CW	P2M2TGEE2CW	
			Air pilot	Push-In 4 mm OD	P2M1TGPP	P2M2TGPP	

S Series - Basic modules (without connector)

Valve Modules				Size 1		Size 2	
	Symbol	Description	Actuator	Pilot connector	Order code	Order code	
Size 1		4/2 Spring return	Solenoid	M8 Lockable	P2M1S4ES2C	P2M2S4ES2C	
			Clip		P2M1S4ES2CW	P2M2S4ES2CW	
			Air pilot	Push-In 4 mm OD	P2M1S4PS	P2M2S4PS	
		4/2 Double pilot	Solenoid	M8 Lockable	P2M1S4EE2C	P2M2S4EE2C	
			Clip		P2M1S4EE2CW	P2M2S4EE2CW	
			Air pilot	Push-In 4 mm OD	P2M1S4PP	P2M2S4PP	
		2 x 3/2 NC + NC with exhaust check valves	Solenoid	M8 Lockable	P2M1SDPP	P2M2SDPP	
			Clip		P2M1SCEE2C	P2M2SCEE2C	
			Air pilot	Push-In 4 mm OD	P2M1SDPP	P2M2SDPP	
		2 x 3/2 NO + NO with exhaust check valves	Solenoid	M8 Lockable	P2M1SCEE2C	P2M2SCEE2C	
			Clip		P2M1SCEE2CW	P2M2SCEE2CW	
			Air pilot	Push-In 4 mm OD	P2M1SCPP	P2M2SCPP	
Size 2		2 x 3/2 NC + NO with exhaust check valves	Solenoid	M8 Lockable	P2M1SEEE2C	P2M2SEEE2C	
			Clip		P2M1SEEE2CW	P2M2SEEE2CW	
			Air pilot	Push-In 4 mm OD	P2M1SEPP	P2M2SEPP	
		3/2 NC with exhaust check valves	Solenoid	M8 Lockable	P2M1S3ES2C	P2M2S3ES2C	
			Clip		P2M1S3ES2CW	P2M2S3ES2CW	
			Air pilot	Push-In 4 mm OD	P2M1S3PS	P2M2S3PS	
		4/3 Centre exhaust 2 x 3/2 NC + NC without exhaust check valves	Solenoid	M8 Lockable	P2M1SGEE2C	P2M2SGEE2C	
			Clip		P2M1SGEE2CW	P2M2SGEE2CW	
			Air pilot	Push-In 4 mm OD	P2M1SGPP	P2M2SGPP	

T & S Series Electrical connectors

	Description	Connector type	Cable length	Order code
	Individual lockable connector – IP67 Including LED and surge protection 2 Flying leads	M8 / 2 x Flying leads	2 metres	P8LS08L226C
			5 metres	P8LS08L526C
			9 metres	P8LS08L926C
	Clip connector – IP40 Individual: Including 2 flying leads Multiple: Including 1 common (0 Vdc) and 1 flying lead per connector	1 x Clip connector	1 metre	P8LW021C
			2 metres	P8LW022C
			2 x Clip connectors	P8LW021C02
	Straight cable quick connect to thread connector, IP67 protected	M8		P8CS0803J
		M12		P8CS1204J

P Series - Basic peripheral modules (without connector)

		Size 1		Size 2	
Symbol	Description	Order code	Order code	Order code	Order code
	Dual flow control	P2M1PXFA	P2M2PXFA		
	Dual P.O. check valve	P2M1PXCA	P2M2PXCA		
	Pressure regulator	0 - 2 bar	Gauge		
			0 - 4 bar	P2M1PXS	P2M2PXS
		0 - 4 bar	Without	P2M1PXST	P2M2PXST
			0 - 7 bar	P2M1PXSM	P2M2PXSM
		0 - 8 bar	Without	P2M1PXSL	P2M2PXSL
			0 - 11 bar	P2M1PXSG	P2M2PXSG
	90% Vacuum generator	P2M1PXSN	P2M2PXSN		

V & T Series - Head and Intermediate module sets for Valve Island

Valve Modules		Size 2	
	Description	Order code	
	Valve island pneumatic head and tail module set	P2M2HXT01	
	Valve island intermediate supply module with a set of 4 configuration plates	For T Series	P2M2BXT0A
		For V Series	P2M2BXV0A

V, T, S & P Series - Clip-On pneumatic connectors *

Valve Modules		Size 1		Size 2	
	Description	Tube OD	Order code	Order code	Order code
	Straight connector	4 mm	FMD04-1		
		6 mm	FMD06-1	FMD06-2	
		8 mm		FMD08-2	
		10 mm		FMD10-2	
		12 mm		FMD12-2**	
	Elbow connector	4 mm	CMD04-1		
		6 mm	CMD06-1	CMD06-2	
		8 mm		CMD08-2	
		10 mm		CMD10-2	
		12 mm		CMD12-2**	
	Double male union		HMDXX1	HMDXX2	
			MMDVA1	MMDVA2	
			PMDXX1	PMDXX2	

* Fittings and plugs pack quantity: 10

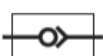
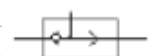
** Reserved to Head and Intermediate supply modules, Not compatible with V, T, S & P Modules Size 2

Shuttle Valves

- Allows two separate signals to be applied to the air pilot
- 0,6 bar differential, Viton seals as standard

Non Return Valves - In Line

- Aluminium or polymer bodies
- Compact

	Shuttle Valves	Non Return Valves	Non Return Valves	Non Return Valves	Non Return Valves
Thread Tube	Order Code				
G1/8	B43005B	VB12-Q-NQ-5	4890 10 10	4992 10 10	
G1/4	B53005A	VB22-Q-NQ-5	4890 13 13	4992 13 13	
G3/8		-	4890 17 17	4992 17 17	
G1/2		VB42-Q-NQ-5	4890 21 21	4992 21 21	
G3/4			4890 27 27		
4MM					PWA-L1444
6MM					PWA-L1466
8MM					PWA-L1488
10MM					7996 10 00
12MM					7996 12 00

Flow control valves - In Line

	With By-pass	With By-directional Control	Knob & Nut	In-Line	Panel-Mountable
Thread Tube	Order Code				
G1/8	VQB12-Q-OX-5	VQB12-QX-5	9128177212		
G1/8	VQB12-Q-O-5	VQB12-O-5			
G1/4	VQB22-Q-O-5	VQB22-O-5	9128177222		
G1/2	VQB42-Q-O-5	VQB42-O-5			
4MM				7776 04 00	7770 04 00
6MM				7776 06 00	7770 06 00
8MM				7776 08 00	7770 08 00
10MM				7776 10 00	7770 10 00
12MM				7776 12 00	7770 12 00
12MM					7996 12 00

Sensors Fittings

	Mono block	Modular	Exhaust Back Pressure Delay, Pug-in Sensors			
	Back Pressure Sensors	Banjo Sockets	Pneumatic	Electrical	PNP NC	PNP NO
Male Thread	Order Code					
M5	PWS-C5145	PWS-B155	PWS-P111	PWS-M1012	PWS-E101	PWS-E111
G1/8	PWS-C5148	PWS-B188				
G1/4	PWS-C5149	PWS-B199				
G3/8	PWS-C5143	PWS-B133				
G1/2	PWS-C5142	PWS-B122				

Complementary Products

Air Preparation

Stainless Steel FRLs, G1/4, G1/2



- Stainless steel construction
- Meets NACE specifications MR0175/ISO 15156
- Suitable for Marine & Offshore applications
- For Food & Beverage applications
- For Chemical/Petroleum and Process industries



Precision Regulators, G1/4, G3/8



- Accurate and high repeatability
- High relief capacity and flow
- Manual and pilot operation
- Sensitivity range from 0.35 to 0.07 mbar
- Flow rates up to 1133 l/min



LV/EZ Series, Lockout Valves, G1/4 to G2



- With or Without soft start
- Dedicated energy isolation device
- Used for compliance with OSHA 29 CFR part 1910
- Yellow cast aluminium with red handle
- Stainless steel version, meets NACE MR0175/ISO 15156



Dial Air Regulators, G1/4 to G2



- Pressure reference indicating dial face
- Non-rising, pressure-adjustment dial
- Full pressure adjustment in less than one full turn
- Recommended for pilot-air applications
- Self-relieving, constant bleed, piston operated



High Flow Filters & Regulators, G1/4 to G2



- For heavy duty applications
- Metal bowl with sight gauge standard
- Twist drain as standard, optional auto drain
- Quick and accurate regulation
- With T Handle or air pilot



Piezo Proportional Regulators, G1/8, G1/4



- Electronically controlled proportional pressure regulating valves with PIEZO control
- Tecno basic 1/8, Tecno plus 1/4
- Dynamic and precise control
- Extremely low electric power consumption
- Very high pressure control stability