



Bulletin Number: NPC-ACT-006
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Product Group:	Air Preparation	Actuators	Cylinders	Grippers	Vacuum / Sensors	Valves	Other
Notice of Product Change							
Subject:	New P8S Sensor Design						

PDN is pleased to announce a change to our current P8S oval body design sensors to a new P8S square body design. This will be a rolling change as we use up existing inventory and migrate to the newer product.

Existing Design



New Design



Product Features:

- Can be used in all common profile cylinders using a T-slot and in round cylinders, tie-rod cylinders and cylinders with dovetail grooves using adapters
- Quick drop-in mounting instead of turn-in or slide-in.
- Retaining ribs on each side of the sensor hold it in position during installation
- The sensor is quickly secured in the slot with just a quarter turn of the stainless-steel eccentric fixing screw
- The screw is fixed to the housing to eliminate dropped screws
- The rugged fixing screw holds the sensor in the desired position, even when subjected to shock and vibration
- For servicing, sensors can be replaced without the need to remove the end caps from the cylinder
- Note that all new P8S sensors will be delivered with an adaptor so that they can also be used in S-Dovetail grooves (OSP Series)
- As part of this change, parts with very low volume will be obsoleted. Please see next page for cross reference.

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Current Parker PNs	New Parker PNs	DESC
003-5166-01	OBSOLETE	OBSOLETE
KC3367	P8SAGPFDX	PNP-NO 10-30 VDC 10M PUR LEADS
KL3250	P8SAGDFMXW	NAMUR-NO 8.2-20 VDC 5M PVC
KL3251	P8SAGDFTXW	NAMUR-NO 8.2-20 VDC 10M PVC_
KL3301	P8SAGRFAF	Reed-NO 5-30 VAC/DC 3M PUR LEADS
KL3302	P8SAGRCHX	Reed-NO 5-30 VAC/DC M8 PUR
KL3303	P8SAGRCHX	Reed-NO 5-30 VAC/DC M8 PUR
KL3305	P8SAGEFRX	REED NC 2-WIRES 10M PUR 10-30V
KL3306	P8SAGPCHX	PNP-NO 10-30 VDC M8 PUR
KL3308	P8SAGPFAX	PNP-NO 10-30 VDC 3M PUR LEADS
KL3310	P8SAGNCHX	NPN-NO 10-30 VDC M8 PUR
KL3312	P8SAGPCHX	PNP-NO 10-30 VDC M8 PUR
KL3315	P8SAGRFDX2	Reed-NO 5-230 VAC/DC 10M PUR LEADS
KL3316	P8SAGRFDX2	Reed-NO 5-230 VAC/DC 10M PUR LEADS
KL3472	P8SAGECNX	Reed-NC 5-30 V AC/DC M8 PUR
P1A-2XLK	OBSOLETE	OBSOLETE
P1A-2XMK	P8SAGPFLX+P8S-TMC0*	PNP-NO 10-30 VDC 3M PVC LEADS
P8S-DPFLX	NO CHANGE	SENSOR
P8S-DPSHX	NO CHANGE	SWITCH PNP HALL EFFECT-3PRONG
P8S-DRFLX	NO CHANGE	REED SENSOR 3MM CABLE
P8S-DRSHX	NO CHANGE	ENGLISH SWITCH
P8S-GCFPX	P8SAGEFPX	REED (NC) 2-WIRES FLYING LEAD
P8S-GDFMX/EX	P8SAGDFMXW	NAMUR-NO 8.2-20 VDC 5M PVC
P8S-GECNX	P8SAGECNX	Reed-NC 5-30 V AC/DC M8 PUR
P8S-GEFFX	P8SAGEFRX	REED NC 2-WIRES 10M PUR 10-30V
P8S-GEFLX	OBSOLETE	OBSOLETE
P8S-GEFRX	P8SAGEFRX	REED NC 2-WIRES 10M PUR 10-30V
P8S-GEFRX1	P8SAGEFRX1	REED-NC 5-120 V AC/DC 10M PUR
P8S-GMCHX	P8SAGMCHX	NPN-NC 10-30 VDC M8 PUR
P8S-GMFAX	P8SAGMFAX	NPN-NC 10-30 VDC 3m PUR LEADS
P8S-GMFDX	P8SAGMFDX	NPN-NC 10-30 VDC 10m PUR LEADS
P8S-GMFLX	OBSOLETE	OBSOLETE
P8S-GMSHX	P8SAGMCHX	NPN-NC 10-30 VDC M8 PUR
P8S-GNCHX	P8SAGNCHX	NPN-NO 10-30 VDC M8 PUR
P8S-GNFAX	P8SAGNFAX	NPN-NO 10-30 VDC 3m PUR LEADS
P8S-GNFDX	P8SAGNFDX	NPN-NO 10-30 VDC 10M PUR LEADS
P8S-GNFLX	OBSOLETE	OBSOLETE
P8S-GNFLX/EX	OBSOLETE	OBSOLETE
P8S-GNFTX	OBSOLETE	OBSOLETE
P8S-GNMHX	OBSOLETE	OBSOLETE
P8S-GNSCX	P8SAGNCHX	NPN-NO 10-30 VDC M8 PUR
P8S-GNSHX	P8SAGNCHX	NPN-NO 10-30 VDC M8 PUR
P8S-GNSHX/T1	P8SAGNCHX	NPN-NO 10-30 VDC M8 PUR
P8S-GNSXX-00145	OBSOLETE	OBSOLETE
P8S-GPCCX	P8SAGPCHX	PNP-NO 10-30 VDC M8 PUR
P8S-GPCHX	P8SAGPCHX	PNP-NO 10-30 VDC M8 PUR
P8S-GPFAX	P8SAGPFAX	PNP-NO 10-30 VDC 3M PUR LEADS
P8S-GPFDX	P8SAGPFDX	PNP-NO 10-30 VDC 10M PUR LEADS
P8S-GPFLX	P8SAGPFLX	PNP-NO 10-30 VDC 3M PVC LEADS
P8S-GPFLX/EX	P8SAGPFAXS	PNP-NO 10-26 VDC ATEX 3M PUR LEADS
P8S-GPFTX	P8SAGPFTX	PNP-NO 10-30 VDC 10M PVC LEADS
P8S-GPMHX	P8SAGPMHX	PNP (NO)M12 CONNECTOR 0.3M PUR

Current Parker PNs	New Parker PNs	DESC
P8S-GPMHX/IP68	OBSOLETE	OBSOLETE
P8S-GPSCX	P8SAGPCHX	PNP-NO 10-30 VDC M8 PUR
P8S-GPSHX	P8SAGPCHX	PNP-NO 10-30 VDC M8 PUR
P8S-GQCHX	P8SAGQCHX	PNP-NC 10-30 VDC M8 PUR
P8S-GQFAX	P8SAGQFAX	PNP-NC 10-30 VDC 3M PUR LEADS
P8S-GQFDX	P8SAGQFDX	PNP-NC 10-30 VDC 10M PUR LEADS
P8S-GQFLX	P8SAGQFLX	PNP-NC 10-30 VDC 3M PVC LEADS
P8S-GQSHX	P8SAGQCHX	PNP-NC 10-30 VDC M8 PUR
P8S-GRCHX	P8SAGRCHX	Reed-NO 5-30 VAC/DC M8 PUR
P8S-GRFAX	P8SAGRFAFAX	Reed-NO 5-30 VAC/DC 3M PUR LEADS
P8S-GRFDX	P8SAGRFDX2	Reed-NO 5-230 VAC/DC 10M PUR LEADS
P8S-GRFDX2	P8SAGRFDX2	Reed-NO 5-230 VAC/DC 10M PUR LEADS
P8S-GRFLX	P8SAGRFLX1	Reed-NO 5-120 VAC/DC 3M PVC LEADS
P8S-GRFLX2	P8SAGRFLX2	Reed-NO 5-230 VAC/DC 3M PVC LEADS
P8S-GRFTX	P8SAGRFTX1	Reed-NO 5-120 VAC/DC 10M PVC LEADS
P8S-GRMHX	P8SAGRMHX1	REED (NO) M12 CONNECTOR 0.3 M
P8S-GRSCX	P8SAGRCHX	Reed-NO 5-30 VAC/DC M8 PUR
P8S-GRSHX	P8SAGRCHX	Reed-NO 5-30 VAC/DC M8 PUR
P8S-GSCCX	P8SAGSCHX	Reed-NO 5-30 VAC/DC M8 PUR
P8S-GSCHX	P8SAGSCHX	Reed-NO 5-30 VAC/DC M8 PUR
P8S-GSFAX	P8SAGSFAX	Reed-NO 5-30 VAC/DC 3M PUR LEADS
P8S-GSFDX	P8SAGSFDX	Reed-NO 5-30 VAC/DC 10M PUR LEADS
P8S-GSFLX	P8SAGSFLX	Reed-NO 5-30 VAC/DC 3M PVC LEADS
P8S-GSFLX/T1	P8SAGSFLX	Reed-NO 5-30 VAC/DC 3M PVC LEADS
P8S-GSFTX	P8SAGSFTX	Reed-NO 10-30 VAC/DC 10M PVC LEADS
P8S-GSMHX	P8SAGSMHX	REED (NO)M12 CONNECTOR 0.3MPUR
P8S-GSSCX	P8SAGSCHX	Reed-NO 5-30 VAC/DC M8 PUR
P8S-GSSHX	P8SAGSCHX	Reed-NO 5-30 VAC/DC M8 PUR
P8S-GXFNX	OBSOLETE	OBSOLETE
P8S-SNELX	OBSOLETE	OBSOLETE
P8S-SNETX	OBSOLETE	OBSOLETE
P8S-SNTHX	OBSOLETE	OBSOLETE
P8S-SPELXD	OBSOLETE	OBSOLETE
P8S-SPETXD	OBSOLETE	OBSOLETE
P8S-SPTHXD	OBSOLETE	OBSOLETE
P8S-SRELX	OBSOLETE	OBSOLETE
P8S-SRETX	OBSOLETE	OBSOLETE
P8S-SRTHX	OBSOLETE	OBSOLETE
P8S-TNFLX	OBSOLETE	OBSOLETE
P8S-TNFTX	OBSOLETE	OBSOLETE
P8S-TNSHX	P8SAGNCHX	NPN-NO 10-30 VDC M8 PUR
P8S-TPFLX	P8SAGPFLX	PNP-NO 10-30 VDC 3M PVC LEADS
P8S-TPFTX	P8SAGPFTX	PNP-NO 10-30 VDC 10M PVC LEADS
P8S-TPSHX	P8SAGPCHX	PNP-NO 10-30 VDC M8 PUR
P8S-TRFLX	P8SAGRFLX1	Reed-NO 5-120 VAC/DC 3M PVC LEADS
P8S-TRFTX	P8SAGRFTX1	Reed-NO 5-120 VAC/DC 10M PVC LEADS
P8S-TRSHX	P8SAGRCHX	Reed-NO 5-30 VAC/DC M8 PUR