














Sensor pressure transducer

	P series	R series	Soldering	S series	C series		D series		SPKC series		Diff. pressure transducer		
Part-number	SPKT*P0	SPKT*R0	SPKS*R0	SPKT*S0	SPKT*C0	SPK1*0 SPK24*0 SPK25*0 SPK3*0	SPKT*8C0	SPKT*D0	SPK1*D0 SPK24*D0 SPK3*D0	SPKC*0*	SPKC*1*	SPKD*	DCPD*
													
Refrigerant	R12, R22, R134A, R404A, R407C, R410A, R502, R507, R744, HFO 1234ze	R12, R22, R134A, R404A, R407C, R410A, R502, R507, R744	R12, R22, R134A, R404A, R407C, R410A, R502, R507, R744, R-1234yf, R-1234ze(E), R-290, R-32, R-452B, R-454B with POE oil	All refrigerants	All refrigerants	All refrigerants	All refrigerants	R12, R22, R134a, R404a, R407c, R410a, R502, R507, R744 Not compatible with R717 (Ammonia)	R12, R22, R134a, R404a, R407c, R410a, R502, R507, R744 Not compatible with R717 (Ammonia)	-	-	For air	For air
Range (barg/psig)	-1 to 45 barg -15 to 650 psig	-1 to 45 barg -15 to 650 psig	0 to 45 barg 0 to 653 psig	-1 to 45 barg -15 to 650 psig	-0,5 to 60 barg -8 to 870 psig	-1 to 30 barg -15 to 435 psig	0 to 150 barg 0 to 2175 psig	-0,5 to 60 barg -8 to 870 psig	-1 to 30 barg -15 to 435 psig	-	-	multi-range switching (see technical leaflet)	0,2 - 2,0 mbar 0,5 - 5,0 mbar
Operating temperature	-40T135°C	-40T135°C	-20T120°C	-40T135°C	-40T135°C	-25T80°C	-40T100°C	-40T135°C	-25T80°C	-20T105°C	-20T105°C	0 ... +50°C <95%r.H.not-condensing	-20T85°C
Fluid temperature	-40T135°C	-40T135°C	-20T120°C	-40T125°C	-40T135°C	-40T135°C	-20T100°C	-20T100°C	-20T100°C	-	-	-	-
Output signal	0.5 to 4.5Vdc	0.5 to 4.5Vdc	0.5 to 4.5Vdc	0.5 to 4.5Vdc	4...20 mA	4...20 mA	4...20 mA	4...20 mA	4...20 mA	-	-	4 ... 20mA	Relay SPDT -AgCdO 1,5(0,4)A-250Vac
Power supply	5Vdc ± 10%	5Vdc ± 10%	5Vdc ± 10%	5Vdc ± 10%	8...28 Vdc	8...28 Vdc	8...28 Vdc	10...36 Vdc	10...36 Vdc	-	-	15 ... 36 Vdc (± 10 %)	-
Connection	Packard-Male	Packard-Male	Packard-Male	Packard-Male	Packard-Male	Cable	Packard-Male	Packard-Male	Cable	Packard-female	Packard-female	0,14 - 1,5 mm ² , via removable plug-in screw terminals	-
Index of protection	IP65 IP67 with connector	IP65 IP67 with connector	IP65 IP67 with connector	IP67	IP65 IP67 with connector	IP67	IP65 IP67 with connector	IP65 IP67 with connector	IP67	IP55	IP67	IP65	IP54
Accuracy	±1,2% FS	±1,2% FS	±0,6% FS	±1% FS	±1% FS	±1% FS	±1% FS	±1% FS	±1% FS	-	-	±3%@20°C of final value	-
Material in contact with fluid	Brass	Brass	Brass and steel	Steel	Steel	Steel	Steel	Steel	Steel	-	-	-	-
Mechanical connection	7/16"-20UNF 1/4" SAE Female	7/16"-20UNF 1/4" SAE Female	Soldering Diam 5mm	7/16"-20UNF 1/4" SAE Female	7/16"-20UNF 1/4" SAE Female	7/16"-20UNF 1/4" SAE Female	1/4 gas male with gasket	7/16"-20UNF 1/4" SAE Female	7/16"-20UNF 1/4" SAE Male	-	-	-	-
To install with capillary	no	yes	no	no	yes	yes	no	yes	yes	-	-	-	-
Compliant with standards	CE	-	-	CE	CE	CE	CE	CE	CE	UL758 e UL1581	UL758 e UL1581 EN60529	"CE according to EMC directive 2004/108/EC, according to EN 61326-1: 2006, according to EN 61326-2-3: 2006"	EN 60529
Cable lengths	-	-	-	-	-	-	-	-	-	2 - 5 - 12 m	0,65-0,83-1-1,3 2-4-5-6,6-12m	-	-
Documentation	+050000598	+050000485	+050000489	+050000488	+050000486	+050000486	+050000596	+050000595	+050000595	+050000484	+050000484	+050000651	+050000645