

9. Cables for Pressure Sensors

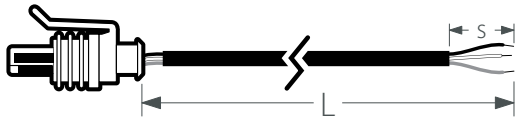
9.1 Cable SPKC Series

The SPKC series pressure sensor cables are flexible and feature a PVC insulating sheath with wide temperature range (from -20°C up to 105°C). These are ideal for use as static internal wiring in electronic equipment. The cables are available in various lengths, in versions with IP55 - IP67 - IP69K Packard connectors. They are used for connecting the entire Carel SPKT* series pressure sensors (ratiometric and 4-20 mA). It is available series, which provides the JST XHP 2 and 3-wires connector for quick connection (it is agree with compatible connection).

Characteristics for all cables

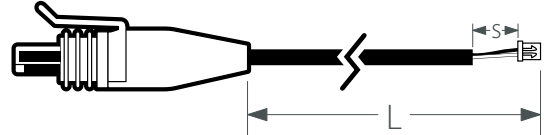
Nominal voltage (V)	300Vac
Wire size (mm ²)	3x 0.324mm ² - AGW22/19
Operating temperature	-20°C to 105°C
Wire resistance	≤ 59.4 Ω/Km
Insulation cable	PVC Class 43. Hardness (91 ± 2) Sh-A
Sheath colour	RAL7035
Wire colours	White - Black - Green
Average sheath thickness	≥0.76 mm - ≥30 mils
Radius of curvature	≥12 x D
Cable outside diameter	5.1 mm
Flame resistance	VW1 - FT-1
Compliant with standards	UL758 & UL1581

Pins	3x 0.35-0.50mm ²
Material	Nylon
Model	Female with seal gasket
Maximum current	14 A
Operating temperature	-40°C to 105°C
Colour	Black



Packard IP protection	IP55
Terminations	Tin finishing terminals

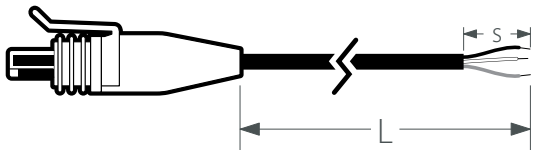
P/N	Length (ref. L)		s (mm)	Min. orderable quantity
	m	inch		
SPKC002300	2	78,7	50	1 pcs
SPKC005300	5	196,8	50	1 pcs
SPKC00A300	12	472,4	50	1 pcs



Packard IP protection	IP67 (EN60529)
Terminations	2-ways JST

Molding material	Thermoplastic Polyamide
Colour	Black

Housing P/N	XHP-2
Pins	2 pins
Pin-to-Pin Pitch	2,5mm
Electric contact P/N	SXH-001T-P0.6
Operating temperature	-25°C to 85°C

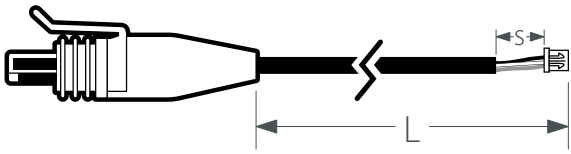


Packard IP protection	IP67 (EN60529)
Terminations	Tin finishing terminals

Molding material	Thermoplastic Polyamide
Colour	Black

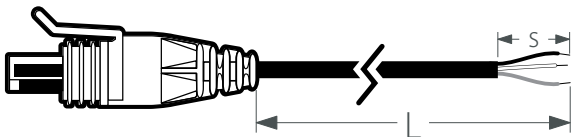
P/N	Length (ref. L)		s (mm)	Min. orderable quantity
	m	inch		
SPKC00D311	0,65	25,5	70	50 pcs
SPKC00E311	0,83	32,6	70	50 pcs
SPKC00B311	1	39,3	150	50 pcs
SPKC00C311	1,3	51,1	150	50 pcs
SPKC002310	2	78,7	50	1 pcs
SPKC002311	2	78,7	50	100 pcs
SPKC00M311	3	118	50	10 pcs
SPKC00F310	4	157,4	50	1 pcs
SPKC005310	5	196,8	50	1 pcs
SPKC005311	5	196,8	50	50 pcs
SPKC00G310	6,6	259,8	50	1 pcs
SPKC00A310	12	472,4	50	1 pcs

P/N	Length (ref. L)		s (mm)	Min. orderable quantity
	m	inch		
SPKC002410	2	78,7	50	1 pcs
SPKC005410	5	196,8	50	1 pcs



Packard IP protection	IP67 (EN60529)
Terminations	3-ways JST
Molding material	Thermoplastic Polyamide
Colour	Black
Housing P/N	XHP-3
Pins	3 pins
Pin-to-Pin Pitch	2,5mm
Electric contact P/N	SXH-001T-P0,6
Operating temperature	-25°C to 85°C

P/N	Length (ref. L)		s (mm)	Min. orderable quantity
	m	inch		
SPKC002510	2	78,7	50	1 pcs
SPKC005510	5	196,8	50	1 pcs



Packard IP protection	IP67 (EN60529) - IP69K (ISO20653)
Terminations	Tin finishing terminals
Molding material	TPU
Colour	Red, type 2/R325

P/N	Length (ref. L)		s (mm)	Min. orderable quantity
	m	inch		
SPKC002321	2	78,7	50	10 pcs
SPKC005321	5	196,8	50	10 pcs
SPKC00A321	12	472,4	50	10 pcs
SPKC00Q321	18	708,7	50	10 pcs