

Sensor Connectors - continued

M12 Range - Cabled, Free & Panel Connectors - continued

PVC and PUR Cabled Plugs and Sockets - continued



Free Sockets and Plug



Panel Plug and Socket

Connections: 1=brown (+),
2=white (4-core), not used
(3-core), 3=blue (-), 4=black

LED indicators:
green=between 1 & 3,
yellow=between 4 & 3

- For use with dc proximity switches, photoswitches, pressure transducers, level sensors, limit switches etc.
- Sockets have screw-lock and are supplied with or without cable
- Cable available in black PVC or PUR
- PUR (polyurethane) cable is resistant to corrosive fluids or oils, and is more flexible than PVC
- Straight or right-angled connectors
- Screw-lock fixing gives vibration-proof interlock with compatible connectors
- Right-angled connectors available with LED indicators for either NPN or PNP operation
- Choice of PG7 or PG9 cable-glands on the self-assembly free plugs and sockets
- Free plugs and sockets available with either metal coupling nut or all plastic nut/thread
- Panel plugs and sockets are supplied complete with fixing nut
- Panel plugs and sockets have M12 thread, sealing ring and 200mm leads
- Conform to **DIN/VDE 0660 part 208A2**
- Protection is **IP67 to DIN 40050**
- Colour coding of conductors to **EN50044**

Rating	4A@150Vac/dc(types without LEDs) 4A @ 10-30V dc (types with LEDs)
Contact resistance	≤6mR with cable, ≤3mR without cable
Temperature range	-40°C to 90°C
Casing and contact bearer	Polyamid 66 to UL94V-2
Contacts	CuZn, nickel plated
Cable cross section	0.75mm ²

Mfrs. List No.	ELKA-KV4312 PVC 034/2M.=532-617	ELST-KV5512PUR034/2M.=723-3942
	ELKA-KV4412 PVC034/2M.=532-010	ELWIST-KV331PUR034/2M.=723-3954
	ELKA-KV5512PVC034/2M.=No Order Code	ELWIST-KV4412PUR034/2M.=723-3966
	ELWIKA-KV4312 PVC034/2M.=532-629	ELWIST-KV5512PUR034/2M.=723-3978
	ELWIKA-KV4412 PVC034/2M.=532-022	ELKA 4012 PG7=532-095
	ELWIKA-KV5512PVC034/2M.=730-737	ELKA 4012K PG7=723-3980
	ELKA-KV4312 PUR034/2M.=532-630	ELKA 5012 PG7=120-7165
	ELKA-KV4412 PUR 034/2M.=532-046	ELWIKA 4012 PG7=532-101
	ELKA-KV 5512PUR034/2M.=723-3838	ELWIKA 4012K PG7=723-4004
	ELWIKA-KV 4312 PUR034/2M.=532-642	ELWIKA 4012PG9=709-1485
	ELWIKA-KV4412 PUR034/2M.=532-058	ELWIKA 5012 PG7=120-7166
	ELWIKA-KV4312 PS/A PUR034/2M.=532-060	ELST 4012 PG7=723-4028
	ELWIKA-KV4312NSC PUR034/2M.=723-3917	ELST 4012K PG7=723-4030
	ELKA-KV4312 PVC 034/5M.=532-678	ELST 4012PG9=709-1473
	ELWIKA-KV4312 PVC 034/5M.=532-680	ELST 5012 PG7=120-7168
	EF123 PUR3X034L0500 50=120-7184	ELWIST 4012 PG7=723-4053
	EF124 PUR4X034L0500 50=120-7185	ELWIST 4012K PG7=723-4065
	ELKA-KV5512PUR034/5M.=No Order Code	ELWIST 5012 PG7=120-7169
	ELWIKA-KV4312PUR034/5M.=723-3887	ELST 412 PG9.=532-113
	ELWIKA-KV4412PUR034/5M.=723-3899	ELST 512 PG9.=723-4089
	ELWIKA-KV5512PUR034/5M.=723-3905	ELKE 412 PG9P.=723-4090
	ELST-KV4412PUR034/2M.=723-3930	ELKE 512 PG9P.=723-4107

Order Code	1+	10+	25+	50+
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Sockets with 2 metres Cable

	Order Code	1+	10+	25+	50+
PVC3- way straight	532-617	556.00	489.00	428.00	378.00
PVC4- way straight	532-010	597.00	525.00	460.00	310.00
PVC5- way straight	730-725	793.00	698.00	611.00	611.00
PVC3- way r/angle	532-629	556.00	489.00	428.00	377.00
PVC4- way r/angle	532-022	591.00	520.00	456.00	390.00
PVC5- way r/angle	730-737	738.00	650.00	568.00	537.00
PUR3- way straight	532-630	584.00	552.00	478.00	444.00
PUR4- way straight	532-046	660.00	580.00	508.00	348.00
PUR5- way straight	831-2826	484.00	444.00	404.00	--
PUR34- way r/angle	532-642	584.00	519.00	425.00	377.00
PUR3- way r/angle + PNP LEDs	532-060	877.00	772.00	675.00	456.00
PUR4- way r/angle	532-058	660.00	580.00	508.00	434.00
PUR3- way r/angle + NPN LEDs	723-3917	877.00	779.00	638.00	577.00

Sockets with 5 metres Cable

	Order Code	1+	10+	25+	50+
PVC3- way straight	532-678	684.00	602.00	527.00	424.00
PVC3- way r/angle	532-680	684.00	602.00	527.00	358.00
PUR3- way straight	120-7184	824.00	612.00	464.00	451.00
PUR4- way straight	120-7185	987.00	733.00	558.00	540.00
PUR5- way straight	723-3875	1,403.00	1,020.00	822.00	794.00
PUR3- way r/angle	723-3887	780.00	567.00	484.00	460.00
PUR4- way r/angle	723-3899	885.00	644.00	534.00	--
PUR5- way r/angle	723-3905	1,293.00	940.00	713.00	711.00

	Order Code	Price Each			
		1+	10+	25+	50+
Plugs with 2 metres Cable					
PUR4- way straight	723-3930	643.00	571.00	477.00	--
PUR5- way straight	723-3942	856.00	760.00	623.00	589.00
PUR3- way r/angle	723-3954	591.00	526.00	456.00	398.00
PUR4- way r/angle	723-3966	660.00	586.00	510.00	480.00
PUR5- way r/angle	723-3978	1,073.00	--	--	--
Free Sockets, Self-Assembly					
4- way straight, PG7, metal	532-095	419.00	368.00	322.00	216.00
4- way straight, PG7, plastic	723-3980	394.00	371.00	350.00	218.00
5- way straight, PG7, metal	120-7165	484.00	466.00	439.00	360.00
4- way r/angle, PG7, metal	532-101	419.00	368.00	322.00	216.00
4- way r/angle, PG7, plastic	723-4004	390.00	368.00	346.00	216.00
4- way r/angle, PG9, metal	709-1485	423.00	371.00	325.00	232.00
5- way r/angle, PG7, metal	120-7166	459.00	442.00	416.00	341.00
Free Plugs, Self-Assembly					
4- way straight, PG7, metal	723-4028	423.00	399.00	374.00	232.00
4- way straight, PG7, plastic	723-4030	390.00	368.00	346.00	216.00
4- way straight, PG9, metal	709-1473	423.00	371.00	325.00	232.00
5- way straight, PG7, metal	120-7168	484.00	466.00	439.00	360.00
4- way r/angle, PG7, metal	723-4053	423.00	399.00	374.00	232.00
4- way r/angle, PG7, plastic	723-4065	394.00	371.00	350.00	218.00
5- way r/angle, PG7, metal	120-7169	459.00	442.00	416.00	341.00
Panel Plugs					
4- way, with nut	532-113	516.00	453.00	398.00	287.00
5- way, with nut	723-4089	659.00	622.00	586.00	386.00
Panel Sockets					
4- way, with nut	723-4090	742.00	658.00	539.00	409.00
5- way, with nut	723-4107	854.00	807.00	759.00	471.00

Current Transducers

Multirange - 25/12/8/6/5A



723-4727: H=16.8, W=26, D=28
723-4739: H=20.3, W=31.8, D=12.7

- Fast response current sensing using Hall effect technology
- Multiple ranges in compact PCB mounting packages
- AC, DC and impulse current measurement
- Improved measurement accuracy at lower currents
- 25A sensor in small-footprint housings
- **UL** Recognised and **CSA** approved

Multiple primary connection pins permit a range of currents to be measured, giving a nominal output current that can be used to derive a voltage output.

Mfrs. List No.	CSNE151-005	CSNE151-100
Supply voltage (±5%)	±15V dc	±15V dc
Turns ratio	1-2-3-4-5 : 1000	1-2-3-4 : 1000
Nom. primary current	25/12/8/6/5A	25/12/8/6A
Peak current measurement	36A	90A
Output current	25mA	25mA
Accuracy	±0.5%	±0.5%
Linearity	±0.2%	±0.2%
Response time	<1µs	<200ns

Mfrs. List No. CSNE151-005=723-4727, CSNE151-100=723-4739.

212387

Nominal/Peak Current	Order Code	Price Each			
		1+	5+	10+	25+
CSNE151-005	723-4727	1,895.00	1,800.00	1,706.00	1,610.00
CSNE151-100	723-4739	1,895.00	1,800.00	1,706.00	1,610.00

0-8A to 0-25A, LTS Series



- Development Kit contains three transducers with PCB mounts
- Unique ASIC design
- Improved linearity
- Excellent accuracy
- Extended measuring range
- Unipolar supply
- Voltage output

Output voltage ±I_{PN} 2.5V ± 0.625V Thermal drift if gain TC_{EG} Typically <50ppm

212409

Nominal Peak/Current Range	Power Supply	Mfrs. List No.	Order Code	1+	10+	100+
15/45A	+5V	LTS 15-NP	311-4557	807.00	787.00	729.00
25/80A	+5V	LTS 25-NP	311-4569	807.00	787.00	729.00
25/80A	+5V	LTS 25-NP KIT	310-3535	2,976.00	2,684.00	2,635.00