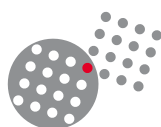




New power layout / 3+ground

The solution to power your device up to (10A 500V)
with the new 3 + ground Hi seal layout.

- | | | |
|--------------------------|---|-----------------------------|
| Rapid and secure locking | ✓ | Bayonet coupling (1/3 turn) |
| Waterproof | ✓ | IP68/IP69K |
| Corrosion proof | ✓ | Plastic housing |
| Suitable for outdoor use | ✓ | UV resistant |



SOURIAU



Specifications

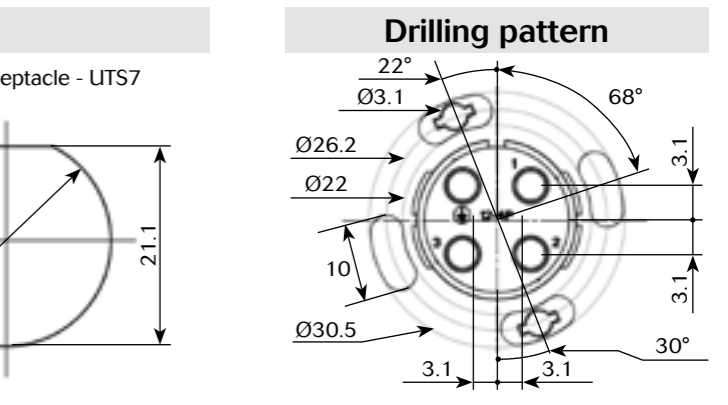
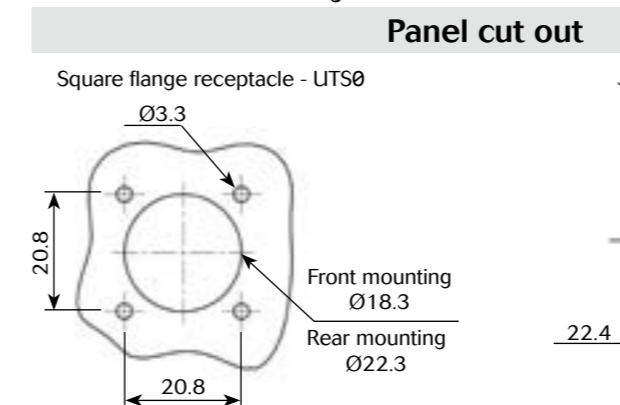
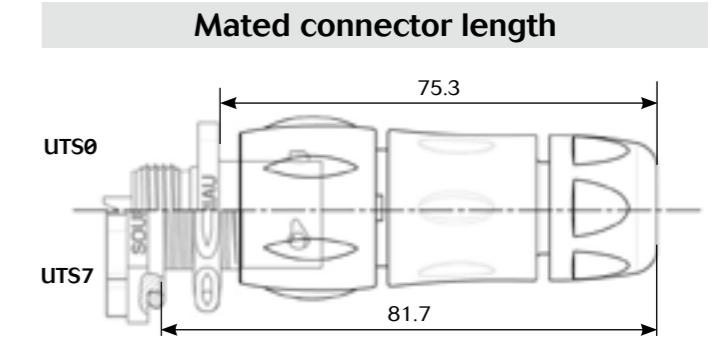
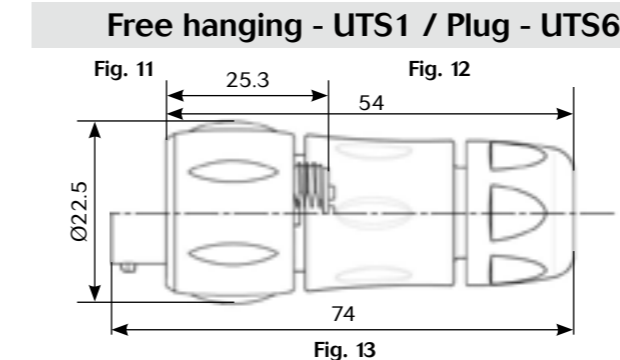
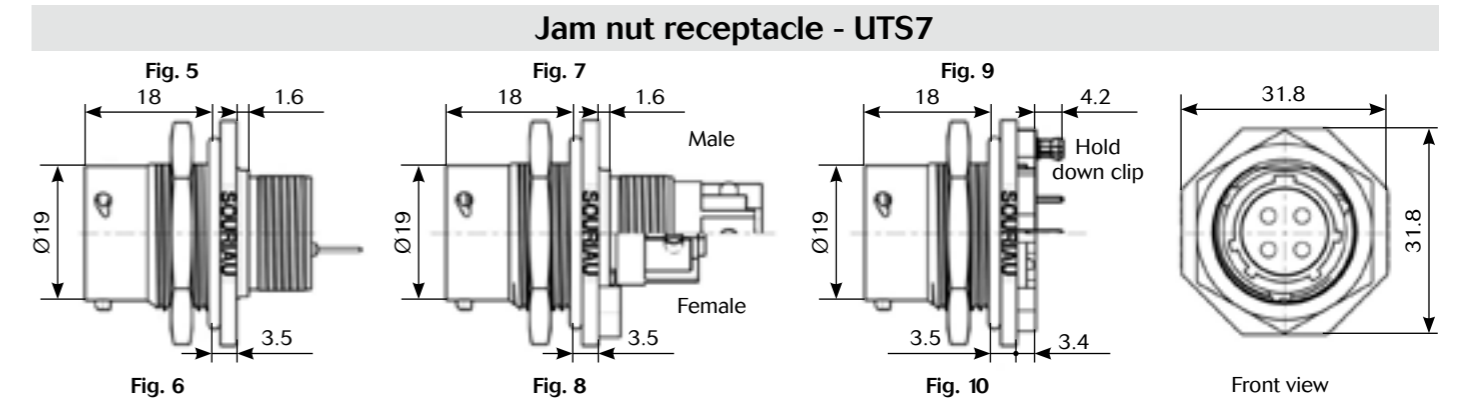
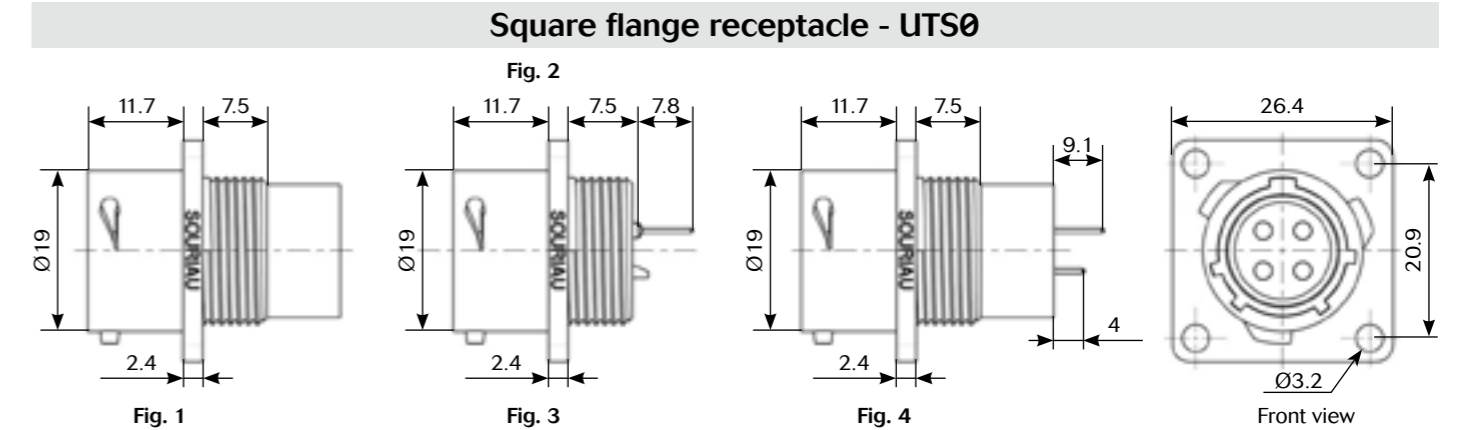
Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp contacts supply separately see page 55	Square flange receptacle	Without (Fig.1)	UTS0124P	
	Jam nut receptacle	Without (Fig.5)	UTS7124P	UTS7124S
	Free hanging receptacle	Cable gland (Fig.13)	UTS1JC124P	UTS1JC124S
	Plug	Without (Fig.11)	UTS6124P	UTS6124S
Cable gland (Fig.12)		UTS6JC124P	UTS6JC124S	
Hand solder electrical contacts loaded	Square flange receptacle	Without (Fig.3)	UTS012E4P	UTS012E4S
	Jam nut receptacle	Without (Fig.10)	UTS712E4P	UTS712E4S
	Plug	Without (Fig.11)	UTS612E4P	UTS612E4S
		Cable gland (Fig.12)	UTS6JC12E4P	UTS6JC12E4S
Screw contacts loaded	Jam nut receptacle	Without (Fig.7 & 8)	UTS7124PSCR	UTS7124SSCR
		Without (Fig.11)	UTS6124PSCR	UTS6124SSCR
	Plug	Cable gland (Fig.12)	UTS6JC124PSCR	UTS6JC124SSCR
		Free hanging receptacle	Cable gland (Fig.13)	UTS1JC124PSCR
PCB contacts supply separately see page 55	Square flange receptacle	Without (Fig.4)	UTS0124P	
	Jam nut receptacle	Without (Fig.6)	UTS7124P	UTS7124S
PCB contacts loaded	Square flange receptacle	Without (Fig.2)	UTS012D4P	UTS012D4S
	Jam nut receptacle with stand off and without hold down clip	Without (Fig.9)	UTS712D4P	UTS712D4S
	Jam nut receptacle with stand off and with hold down clips	Without (Fig.9)	UTS712D4P32	UTS712D4S32

Sealed unmated



Dimensions

10A 500V
per IEC 61984



Note: all dimensions are in mm



Accessories

Jam nut sealing caps



Part number
UTS12DCG



Metal terminal

Part number
UTS12DCGR

Plug sealing cap



Part number
UTS612DCG

Square flange sealing cap



Metal terminal

Part number
UTS12DCGE

Plastic protective cap



Part numbers	
Receptacle cap	Plug cap
8500-5587A	8500-5596

Gasket



Part number / neoprene
UTFD13B

Color coding rings



Part numbers	
Receptacles	Plugs
UTS712CCR*	UTS612CCR*

* Add G for Green, Y for Yellow, R for Red

Handle



Part number
Shandles

Tool kit



Part number
Toolkit

Crimp tooling



Contacts	Contact size	Part number of head
RM/RC 28M1K ⁽¹⁾	Standard contacts #16 Ø 1.6mm	S16RCM20
RM/RC 24M9K ⁽¹⁾		S16RCM20
RM/RC 20M13K ⁽¹⁾		S16RCM20
RM/RC 20M12K ⁽¹⁾		S16RCM20
RM/RC 16M23K ⁽¹⁾		S16RCM16
RM/RC 14M50K ⁽¹⁾		S16RCM1450
RM/RC 14M30K ⁽¹⁾		S16RCM14
SM/SC 24ML1TK6 ⁽¹⁾		S16SCM20
SM/SC 20ML1TK6 ⁽¹⁾		S16SCM20
SM/SC 16ML1TK6 ⁽¹⁾		S16SCML1
SM/SC 14ML1TK6 ⁽¹⁾	S16SCML1	
SM/SC 16ML11TK6 ⁽¹⁾	S16SCML11	
RMDXK10D28K	Coaxial contacts	M10S-1J
RCDXK1D28K		M10S-1J
RM/RC DX60xxD28K		M10S-1J
RM/RC DXK10D28 + york090		M10S-1J
RM/RC DX60xxD28		M10S-1J

(1): example of plating, for other plating see UTS catalog page 143



Contacts

16A 300V
per IEC 61984

	Contact type	AWG	Part number		Max wire Ø	Max insulator Ø
			Male	Female		
Crimp	Machined	30-28	RM28M1K ⁽¹⁾	RC28M1K ⁽¹⁾	0.55	1.1
		26-24	RM24M9K ⁽¹⁾	RC24M9K ⁽¹⁾	0.8	1.6
		22-20	RM20M13K ⁽¹⁾	RC20M13K ⁽¹⁾	1.18	1.8
		22-20	RM20M12K ⁽¹⁾	RC20M12K ⁽¹⁾	1.18	2.2
		20-16	RM16M23K ⁽¹⁾	RC16M23K ⁽¹⁾	1.8	3.2
		16-14	RM14M50K ⁽¹⁾	RC14M50K ⁽¹⁾	2.05	3.2
		16-14	RM14M30K ⁽¹⁾	RC14M30K ⁽¹⁾	2.28	3.2
Crimp	stamped & formed reeled contacts	26-24	SM24M1TK6 ⁽¹⁾⁽²⁾	SC24M1TK6 ⁽¹⁾⁽²⁾	0.89-1.28	-
		22-20	SM20M1TK6 ⁽¹⁾⁽²⁾	SC20M1TK6 ⁽¹⁾⁽²⁾	1.17-2.08	-
		18-16	SM16M1TK6 ⁽¹⁾⁽²⁾	SC16M1TK6 ⁽¹⁾⁽²⁾	3.0	-
		18-16	SM16M11TK6 ⁽¹⁾⁽²⁾	SC16M11TK6 ⁽¹⁾⁽²⁾	2.0-3.0	-
		14	SM14M1TK6 ⁽¹⁾⁽²⁾	SC14M1TK6 ⁽¹⁾⁽²⁾	3.2	-
PCB	Short version	-	RM20M12E8K ⁽¹⁾	RC20M12E8K ⁽¹⁾	-	-
	Long version	-	RM20M12E83K ⁽¹⁾	RC20M12E83K ⁽¹⁾	-	-
Coaxial	Cable Multipiece	-	RMDXK10D28	RCDXK10D28	-	-
	Cable Monocrimp	-	RMDX60xxD28	RCDX60xxD28	-	-
	Twisted par Multipiece	-	RMDXK10D28 + york090	RCDXK10D28 + york090	-	-
	Twisted pair Monocrimp	-	RMDX60xxD28	RCDX60xxD28	-	-
Fiber optic	POF contacts Plastic optical fibre	-	RMPDF1000	RCPOF1000B	-	-
	PCF Contacts Plastic clad fibre	-	RMPDF230B	RCPCF230B	-	-

(1): example of plating, for other plating see page 143
(2): Loose piece contact available if putting L. Example: SM20ML1-TK6

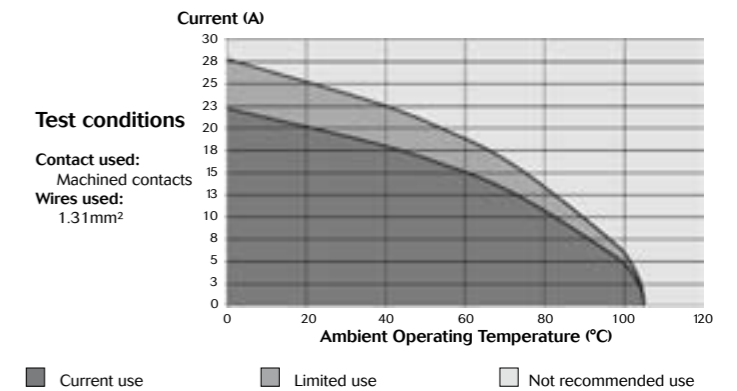
Electrical characteristics

UL
10A 500V UL94 V-0

CSA
7A 500V UL94 V-0

IEC
16A 300V 4kV 3
Temperature elevation: 50°C

UTS 124 derating curves

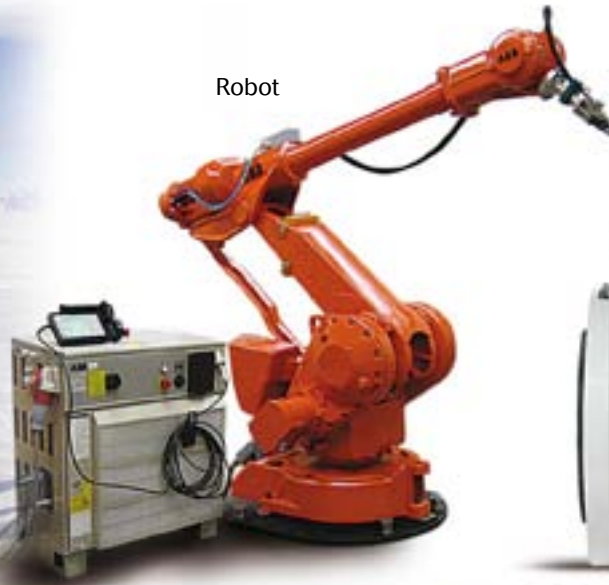


UTS Hi seal series

124



Outdoor weather station



Robot



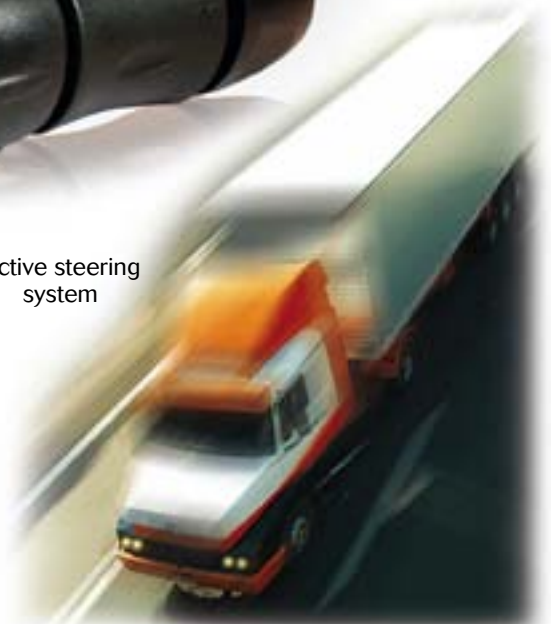
Leakage detection



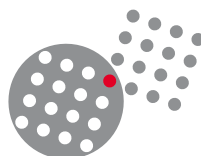
Road traffic management



Active steering system



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