

Connectors

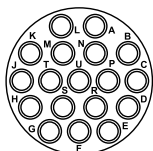
14E18/14D18 (Shell size 14, 18x#20)



Connector part number

UTGX 14E18/14D18

18 contacts
4A/250V
per UL 1977
with AWG20 wire



Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Hand solder electrical contacts loaded see page 121	Square flange receptacle	Without (Fig. 1)	UTGX014E18P	UTGX014E18S
	Plug	Without (Fig. 2)	UTGX614E18P	UTGX614E18S
		Cable gland (Fig. 3)	UTGX6JC14E18P	UTGX6JC14E18S
	Jam nut receptacle	Without (Fig. 4)	UTGX714E18P	UTGX714E18S
PCB contacts loaded see page 121	Square flange receptacle	Without (Fig. 2)	UTGX014D18P	UTGX014D18S
	Jam nut receptacle with stand off and without hold down clip	Without (Fig. 5)	UTGX714D18P	UTGX714D18S
	Jam nut receptacle with stand off and with hold down clips	Without (Fig. 6)	UTGX714D18P32	UTGX714D18S32

For discrimination/keying methods see page 154

Sealed unmated

Overmoulded cable assembly part numbers

Overmoulding type	Connector type	Wire size (mm²)	Harmonized cable part number ⁽¹⁾	Part number (length: 1 m.)*	
				Male plug	Female plug
Straight ending	Plug	0.5	H05 VV - F 18x0.5	HAUTGX14E18PST1M	HAUTGX14E18SST1M
Right angle ending	Plug	0.5	H05 VV - F 18x0.5	HAUTGX14E18PRA1M	HAUTGX14E18SRA1M

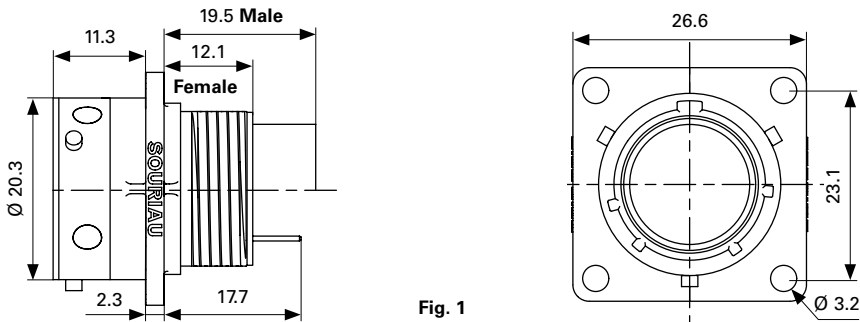
(1) Other cable available on demand

* Other lengths available on demand

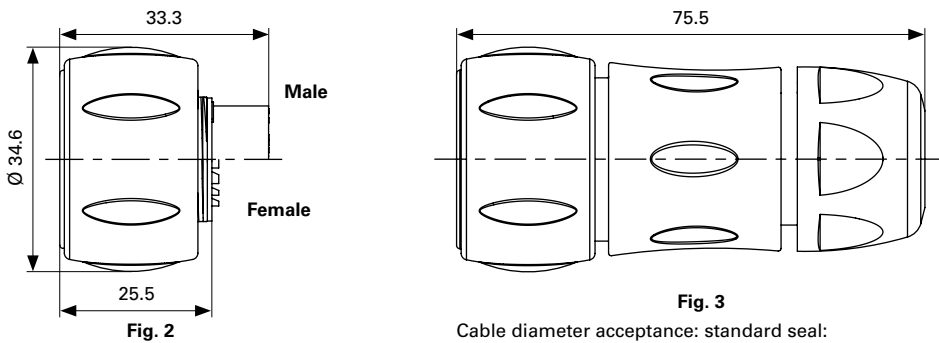
Note: Overmoulded cable assembly dimensions available page 145

Dimensions in mm (For mated connector lengths see page 145)

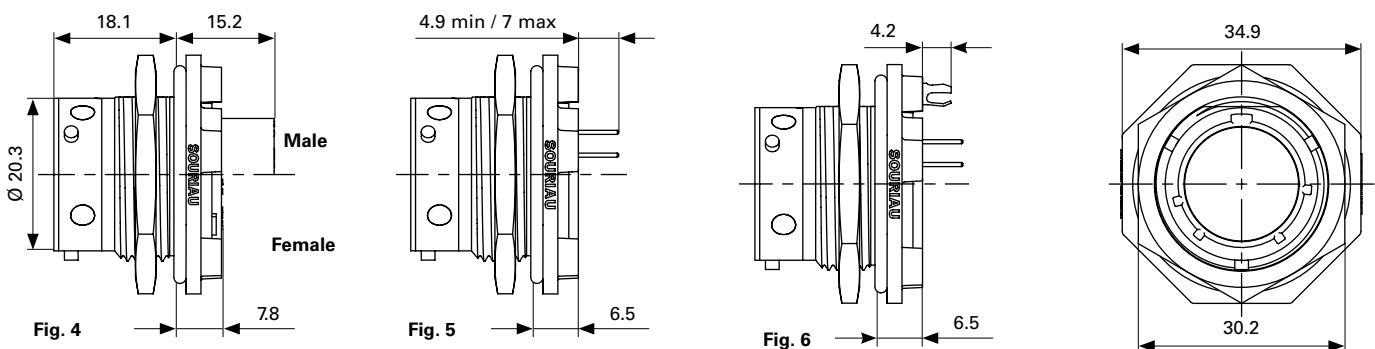
Square flange receptacle - UTGX0



Plug - UTGX6 & UTGX6JC

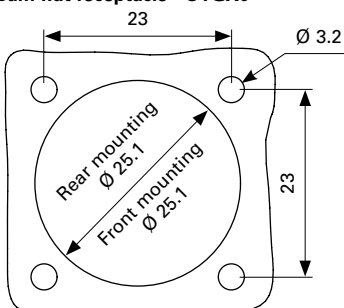


Jam nut receptacle UTGX7

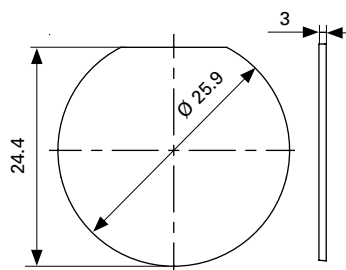


Panel cut out

Jam nut receptacle - UTGX0



Jam nut receptacle - UTGX7



Connectors

14E18/14D18 (Shell size 14, 18x#20)

Accessories

Jam nut & free hanging receptacle sealing caps



Description	Part number
IP68/69K	UTGX14DCG
IP68/69K - Metal terminal	UTGX14DCGR

Square flange sealing cap



Description	Part number
IP68/69K - Metal terminal	UTGX14DCGE

Plug sealing cap



Description	Part number
IP68/69K	UTS614DCG133

Plastic protective cap



Part number receptacle cap	Part number plug cap
85005588A	85005597

Gasket



Part number
UTFD14B

Color coding rings



Description	Part number receptacles	Part number plugs
G for Green	UTGX714CCRG	UTGX614CCRG
Y for Yellow	UTGX714CCRY	UTGX614CCRY
R for Red	UTGX714CCRR	UTGX614CCRR

Contacts

Contact size	Contact type	Plating	Cable acceptance (AWG)	Cable acceptance (mm ²)	Wire stripping length (mm)
#20	Handsold Loaded in the connector	Min 0.4μ gold over 0.8μ Ni	20 - 18	0.32 - 0.75	3.8
	PCB Machined ⁽¹⁾	Min 0.4μ gold over 0.8μ Ni	—	—	—

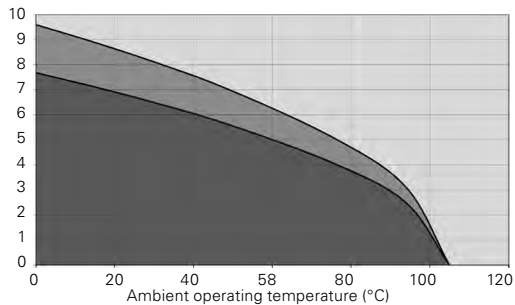
(1): For dimensions see pages 136 or 137

Electrical characteristics

UL	CSA	IEC
4A 250V with AWG20 wire UL94 HB	4A 250V with AWG20 wire UL94 HB	5A 50V 1.5kV 3

UTGX 14E18/14D18 derating curves

Current (A)



- Current use
- Limited use
- Not recommended use

Test conditions

Contact used: machined contacts

Wires used: 0.518 mm²

Derating curves based on continuous current application.