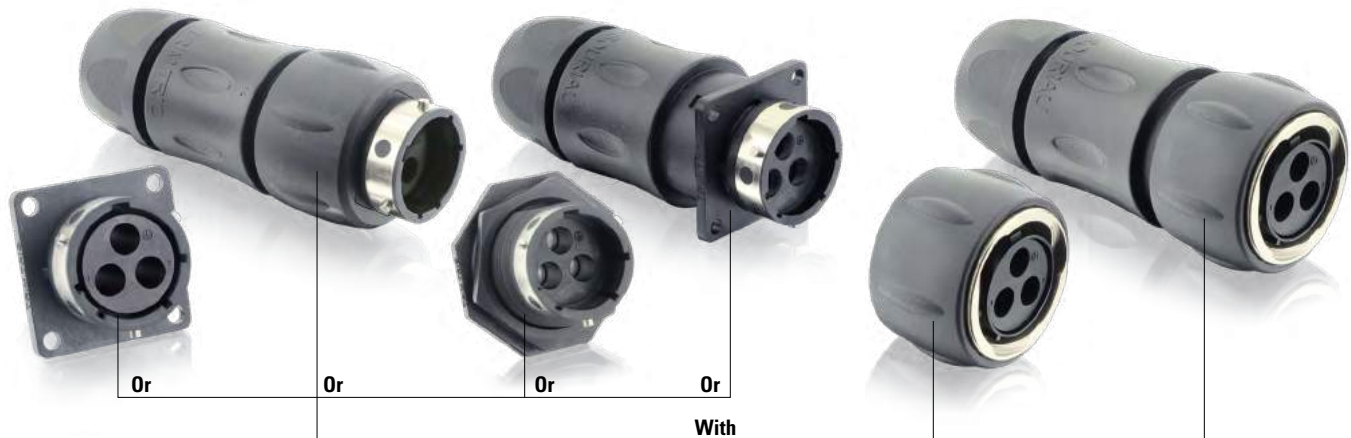


Connectors

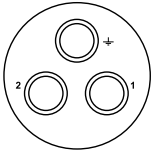
142G1 (Shell size 14, 2 + ground, 3x#8)



Connector part number

UTGX 142G1

2 contacts + ground
Up to 44A/600V
per UL 1977 with
AWG8 wire



Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp contacts supplied separately see page 28	Square flange receptacle	Without (Fig. 1)	UTGX0142G1P	UTGX0142G1S
	Square flange receptacle	Cable gland (Fig. 2)	UTGX0JC142G1P	UTGX0JC142G1S
	Free hanging receptacle	Cable gland (Fig. 3)	UTGX1JC142G1P	UTGX1JC142G1S
	Plug	Without (Fig. 4)	UTGX6142G1P	UTGX6142G1S
	Plug	Cable gland (Fig. 5)	UTGX6JC142G1P	UTGX6JC142G1S
PCB contacts supplied separately see page 28	Jam nut receptacle	Without (Fig. 6)	UTGX7142G1P	UTGX7142G1S
	Jam nut receptacle	Without (Fig. 7)	UTGX7142G1P	UTGX7142G1S

Overmoulded cable assembly part numbers

Overmoulding type	Connector type	Wire size (mm ²)	Harmonized cable part number ⁽¹⁾	Part number (length: 1 m.)*	
				Male plug	Female plug
Straight ending	Plug	0.5	H05 VV - F 3x0.5	HAUTGX142G1PST1M	HAUTGX142G1SST1M
Right angle ending	Plug	0.5	H05 VV - F 3x0.5	HAUTGX142G1PRA1M	HAUTGX142G1SRA1M

(1) Other cable available on demand

* Other lengths available on demand

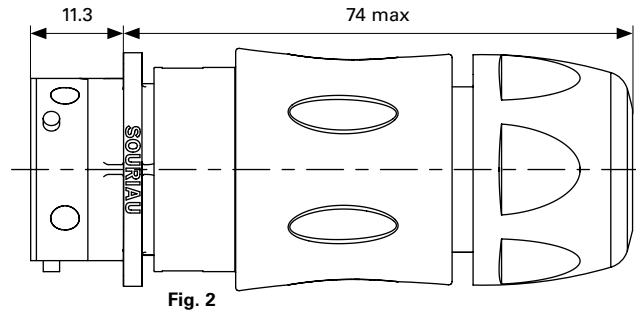
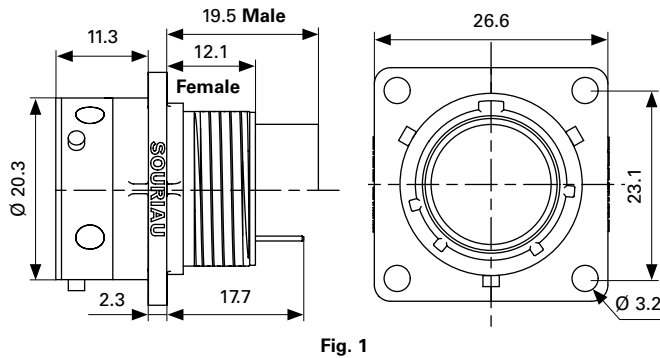
Note: Overmoulded cable assembly dimensions available page 145

Connectors

142G1 (Shell size 14, 2 + ground, 3x#8)

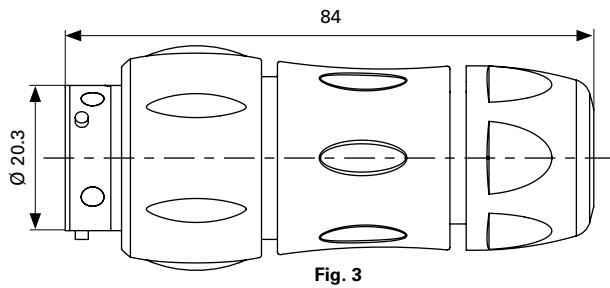
Dimensions in mm (For mated connector lengths see page 145)

Square flange receptacle - UTGX0 and UTGX0JC



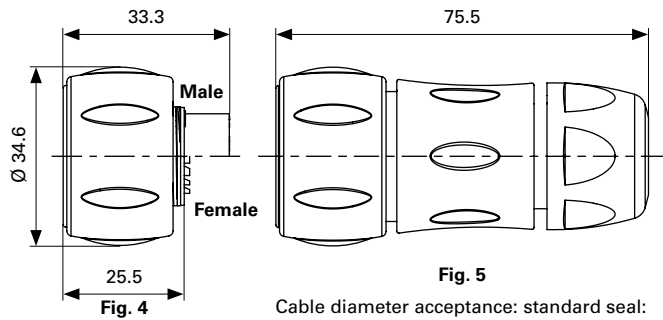
Cable diameter acceptance: standard seal:
from 7 mm to 14 mm, reduced seal: from 5 mm to 12 mm

Free hanging - UTGX1JC



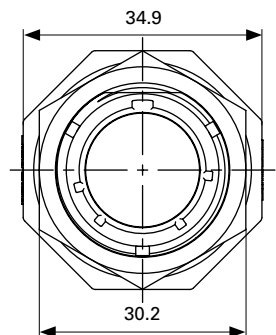
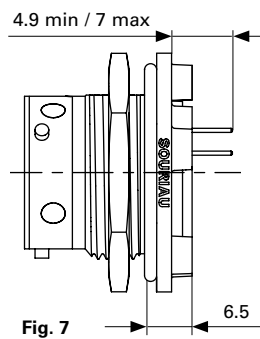
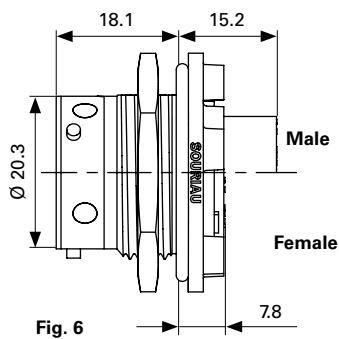
Cable diameter acceptance: standard seal:
from 7 mm to 14 mm, reduced seal: from 5 mm to 12 mm

Plug - UTGX6 & UTGX6JC



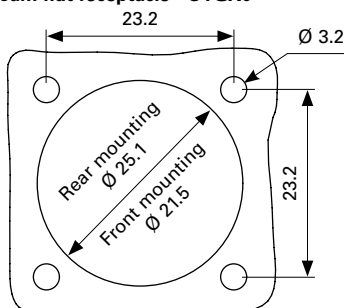
Cable diameter acceptance: standard seal:
from 7 mm to 14 mm, reduced seal: from 5 mm to 12 mm

Jam nut receptacle UTGX7

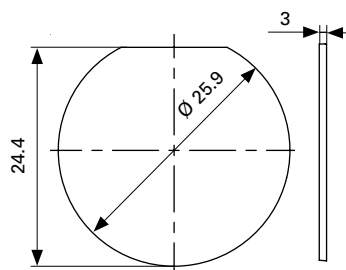


Panel cut out

Jam nut receptacle - UTGX0



Jam nut receptacle - UTGX7



142G1 (Shell size 14, 2 + ground, 3x#8)

Accessories

Jam nut & free hanging receptacle sealing caps



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

Plug sealing cap



Description	Part number
IP68/69K	UTGX614DCG

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

Connectors

142G1 (Shell size 14, 2 + ground, 3x#8)

Tooling

Hand Tool



Description

Shandle only

Part number

M317

Positioner + Locator setting #8



Description

For crimp contacts #8
Ø 0.141"

Part number

VGE10078A

Extraction tool #8



Description

For crimp contacts #8

Part number

51060210936

Contacts #8

Contact style	Contact type	Cable acceptance (AWG)	Cable acceptance (mm²)	Part number Male	Part number Female	Max wire Ø (mm)	Max insulator Ø (mm)
Crimp contacts	Machined	16	1.48	82913601A ⁽¹⁾	82913600A ⁽¹⁾	1.72	6.5
		14	2.48	82913603A ⁽¹⁾	82913602A ⁽¹⁾	2.20	
		12	4.00	82913605A ⁽¹⁾	82913604A ⁽¹⁾	2.82	
		10	6.00	82913607A ⁽¹⁾	82913606A ⁽¹⁾	3.48	
		8	10.00	82913609A ⁽¹⁾	82913608A ⁽¹⁾	4.35	
PCB	Machined ⁽²⁾	—	—	82911685NPC ⁽¹⁾	82911684NPC ⁽¹⁾	—	—

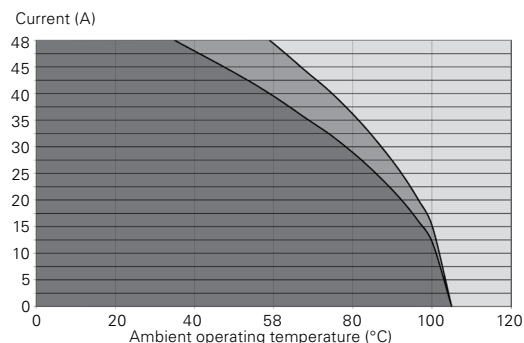
(1): Example of plating, for other plating see page 129

(2): for dimensions see pages 136 or 137

Electrical characteristics

UL	CSA	IEC
44A 600V with AWG8 wire UL94 V-0	34A 600V with AWG8 wire UL94 V-0	40A 300V 4kV 3

UTGX 142G1 derating curves



- Current use
- Limited use
- Not recommended use

Test conditions

Contact used: machined contacts

Wires used: 8.37 mm²

Derating curves based on continuous current application.