

MATERIAL :

- SHELLS : Zinc alloy with zinc nickel plated
- INSERT : PA UL94 V0, UL746C F1
- BACKSHELLS : Zinc alloy with zinc nickel plated
- BACKSHELL Seal : CR
- O'RING : Nitril
- CONTACTS : brass + coated depending on P/N

PERFORMANCE CHARACTERISTICS :

Operating temperature: -40°C up to 105°C
Insulation resistance: 5000 MΩmin under 500V
Corrosion salt spray: 500 hours
Durability: 500 matings and unmatings
Sealing in mated conditions with counterpart:

- IP68 1 bar during 1 week : immersion under 10 m of water. (IEC 60529)
- IP69K : exposure to high pressure water of cleaning equipement(DIN 40050)

MS version :
EMI/RFI : SEE the curves in the catalog



NOTA:

- 1- Contact to be ordered separately : refer to corresponding catalogue.
- 2- Insert arrangement refer to:
UTX_LAYOUT (Standard Version)
UTX-HS_LAYOUT (HiSeal Version)
- 3- Plug and backshell are delivered as a kit.
- 4-UTOX1MS----- = Shielded version
UTOX1M----- = Unshielded version

Country	Jurisdiction & Control List
FR	NOT LISTED

SHELL SIZE	±0.2	MAX	CAPACITY	HEXAGON backshell nut		BACKSHELL BODY	MIN		MAX	±30% (g.)
	ØA	ØB	ØC	D	LN	Tightening torque (N.m)	E1	E2	F	MASS
10	14.95	19.3	5 / 7	18	For ØC = 5 --> 2.5 For ØC = 7 --> 3	6	35.5	43	78.5	54
12	19	23.9	7 / 10	21	For ØC = 7 --> 2.5 For ØC = 10 --> 3	10	35.5	43	80	75
14	22.18	27.1	10 / 13	26	For ØC = 10 --> 3.5 For ØC = 13 --> 4.5	10	39	46.5	82	87

P/N : CROSS REF TABLE											
BASIC SERIES		UTOX		1	MS	14	19	P	-	* P/N for example	
SHELL TYPE		1	Free hanging prolongator								
BACKSHELL		MS : shielded version M : unshielded version									
SHELL SIZE		10 12 14						ORIENTATIONS		Normal (no digit) W.X.Y.Z	
INSERT ARRANGEMENT		See NOTA 2							TYPE OF CONTACTS		P: MALE S: FEMALE

C	21/06/2024	- EMI/RFI : SEE the curves in the catalog - Change MINI ØC for size 10 (4 to 5) - backshell nut : Replacing the tightening torque with a distance LN					25846A
ISS	DATE	Latest modification - by: J.GAMBIER					MOD N°
Designed by:		J.FEURPRIER Date:08/06/20			CUSTOMER DRAWING		
TITLE		FREE HANGING PROLONGATOR Type 1, SIZE 10 12 14 - standard version UTOX CONNECTOR					
Scale		Dimensions in mm General Linear Tolerances: ± 0.2		NPRDS / PROJECT BE195001			
2/1							
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FORMAT	SOURIAU DRG N° UTOX-0003A-C					SHEET	
A2						1 / 1	

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