

1. GENERAL

The marking of the Range of Insulated Adaptors shall include the following:

Ex db IIC Gb

Ex eb IIC Gb

Ex ta IIIC Da

The Type 777 Range adaptors consists of three parts: a metallic front portion that forms a threaded entry into the equipment, a non-metallic insulator and a metallic rear section that accommodates a gland. An optional variant has the metallic rear section replaced by a complete CMP cable gland which can be supplied separately.

Note that these adaptors when used in flameproof enclosures shall not be used in conjunction with a blanking device, in addition, only one adaptor shall be installed in any one cable entry.

Material of manufacture:

The standard material supplied is:

Brass	BS EN 12164:2011/ BS EN 12168:2011 Grade CZn39Pb3 (CW614N) All brass manufactured component parts can be optionally nickel plated to a maximum of 0.008mm
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Alternate materials are:

Stainless Steel	BS EN 10088-3:2014 Grades 316S13, 316S13, 316S31, 316S33, 316L
Mild Steel	BS EN 10088-3:2014 Grades 220M07, 230M07 (EN1A) / 220M07Pb, 230M0M07Pb)
Aluminium	BS EN 573-3:2013 / BS EN 755-1-3:2008 Grade 6082 T6, 6262 T6 / BS EN1676:2010 Grade LM25 TF

Alternative entry component thread forms:

Metric	ISO 965-1, ISO 965-3 Medium fit (6g) for external threads
ET (Conduit)	BS31:1940 (1940), Table A
PG	DIN 40430:1971
BSPP	BS2779:1986 class A full form for external threads
BSPT	BS21:1985 standard threads only as clause 5.4, gauging to clause 5.2 system A
ISO	ISO 7/1:1994, gauging to ISO 7/2 clause 6.3 for external threads
NPT	ANSI/ASME B1.20.1-2013 gauging to clause 3.2 for external threads
NPSM	ANSI/ASME B1.20.1 – 2013 gauging to clause 6.4 for external threads

Threads size combinations:

Available threads sizes								
Female	M20 x 1.5	M25 x 1.5	M32 x 1.5	M40 x 1.5	M50 x 1.5	M63 x 1.5	M75 x 1.5	M90 x 2
Male	M20 x 1.5	M25 x 1.5	M32 x 1.5	M40 x 1.5	M50 x 1.5	M63 x 1.5	M75 x 1.5	M90 x 2

Alternative combinations of male and female thread sizes can be used; however, the female thread size can only be the same or one size larger than the male thread size.

Notes:

- Sira 10ATEX1057U and IECEx SIR 10.0027U is superseded by this certificate.
- The product covered by Issue 0 of this certificate remains identical to that previously covered by Sira 10ATEX1057U and IECEx SIR 10.0027U.
- Where Sira 10ATEX1057U and/or IECEx SIR 10.0027U is specified in other product certification, or other technical specifications, this certificate reference for the product shall be used in its place; updating of the other product certificate or technical specification is not required.

Based on the following documentation: IECEx CML 18.0185U. Issue 0.

2. INSTALLATION INSTRUCTIONS

It is the manufacturer's responsibility to supply installation instructions with each unit offered for sale as required by IEC/SANS 60079-0 Clause 30.

