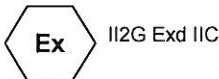


TECHNICAL DATA SHEET - INSULATED ADAPTORS – TYPE DB

APPROVALS

SIRA 00ATEX1073U

Note: These components conform to Article 9 of Directive 94/9/EC of 23 March 1994 and comply with the Essential Health and Safety Requirements relating to the design and construction of a component intended for use in potentially explosive atmospheres given in Annex II to the Directive.



QUALITY

SIRA (0518) 02 ATEX M207

BVQI ISO 9001:2008 NO. UK8000251

DESCRIPTION

The range of Insulated Adaptors are manufactured in Glass Filled Nylon "MDF2", with two threaded metallic inserts screwed and cemented, one into each end. This gives a male and female thread with a range from M16 (¼ NPT) to M75 (2½ NPT), the male thread being the same or one standard thread size larger than the female. Alternative thread available as ET, PG, NPT, BSPP and BSPT.

USE

The components are intended to insulate a Cable Gland or termination from the associated apparatus and, additionally, may be used to convert an existing cable entry aperture to a different thread form or size.

INSTALLATION

The components have a thread length of 17mm, (14mm minimum full thread). Installer must ensure that assembly is accomplished with sufficient turns to minimum 6 full thread engagement of parallel threads and an absolute minimum of 3½ taper threads (when locked up).

CONSTRUCTION

MATERIALS

BRASS (NICKEL PLATED)	BS2874 1985 & NYLON MDF2
STAINLESS STEEL	BS970 PT4 1970 & NYLON MDF2
MILD STEEL	BS970 PT1 1983 & NYLON MDF2
ALUMINIUM	BS1474 1987 & NYLON MDF2

TEMPERATURE

The items are classified as components and are, therefore, not given a temperature rating. However, they should not be used where ambient temperatures exceed - 50°C and +130°C and maximum mounting temperature does not exceed +130°C.

ROUTINE CHECKING AND MAINTENANCE

It is useful to conduct a visual check to ensure components have not been damaged; otherwise Insulated Adaptors are items that once installed do not require checking or maintaining.

SPECIAL CONDITIONS

These components shall only be used where the maximum temperature, at the point of mounting, is less than +130°C.

NO. D/603

COPY:

APPROVED:

A handwritten signature in black ink, appearing to read "mckel", written over a horizontal dotted line.

REVISION: 4

DATE: MAR 2013