

## TECHNICAL DATA SHEET - STOPPING PLUGS – TYPE CB, CF, CK, CQ & CY

### APPROVALS

SIRA 00ATEX1073U, SIRA 10ATEX1224X (not Nylon), SIRA 10ATEX1225X (Nylon),  
 IECEX SIR 07.009X, IECEX SIR12.0014X (Nylon),  
 GOST CERT NO: TC RUC- GB.ГБ06.В00105, INMETRO NCC 12.0764X, CSA 1003277 (Not Nylon)

*Note: These components satisfy the Essential Health and Safety requirements of the ATEX Directive 2014/34/EU.*

<u>Product Types</u>
RX Type = CB
Tamperproof Type = CF
Hex head Type = CK
Dome Head Type = CQ
Hex head with Hollow Body = CY

BRASS  
 STAINLESS STEEL  
 MILD STEEL  
 GLASS FILLED NYLON



I M2 (Not CY), Ex d I Mb, Ex e I Mb  
 Or  
 II G D, Ex d IIC Gb, Ex e IIC Gb  
 Ex tb IIIC Db

### QUALITY

SIRA (0518) 02 ATEX M207, BVQI ISO 9001:2008 NO. UK8000251

### DESCRIPTION

A range of threaded Plugs comprising of Plugs ... 1) without a head with hexagon socket tightening facility for mounting from either inside or outside of apparatus, 2) with a head from round material with hexagon socket tightening facility or with hex head for spanner tightening. Thread range M16 – M100 and equivalent sizes in ET, PG, NPT, BSPP and BSPT.

### USE

To close unused entries while maintaining integrity and certification requirements of apparatus.

### INSTALLATION

**Plugs without heads** – Plugs are fitted directly into enclosures with threaded entries. They tighten almost flush with the intention that unauthorised removal is reduced. The tamperproof version, which is installed internally, prevents removal totally. Plugs must be used in apparatus which has a wall thickness giving a minimum of 6 parallel and 5 taper thread engagement.

**Plugs with heads** – these Plugs can be supplied with an undercut and fitted with an “O” Ring to increase the IP rating to IP68. These Plugs can be used in apparatus having a close tolerance clearance hole and tightened with a Locknut. Plugs with undercuts can be used in flameproof installations providing that the wall thickness of the apparatus still enables 6 parallel or 5 taper thread engagement. Plugs without undercut are specifically for use in flameproof areas. They can be used with a Washer to eliminate any gap left between the head and apparatus when the Plug is fully tightened or to increase the IP rating to IP68.

### CONSTRUCTION

#### MATERIALS

BRASS (NICKEL PLATED)	BS2874 1985	ALUMINIUM	BS1474 1987
STAINLESS STEEL	BS970 PT4 1970	GLASS FILLED NYLON	MDF2 BLACK 900 (OR EQUIVALENT)
MILD STEEL	BS970 PT1 1983		

#### TEMPERATURE

The items are classified as components and are, therefore, not given a temperature rating. However, it is recommended that the installer should ensure that the surrounding conditions do not exceed operating temperatures of:

BRASS	-60°C TO +200°C	STEEL	-60°C TO +200°C
STAINLESS STEEL	-60°C TO +200°C	NYLON	-20°C TO +60°C

#### ROUTINE CHECKING AND MAINTENANCE

Raxton Plugs are items that once correctly installed do not require checking or maintaining.

#### SPECIAL CONDITIONS FOR SAFE USE

Nylon Plugs must be fitted as supplied with “O” Ring against the shoulder at the base of the thread. They must only be used within the temperature range specified and must not be used for applications where there is a “high” risk of mechanical damage.

If a type CK or CQ Stopping Plug is machined with an undercut and is used for an Exd application, then the wall of the enclosure into which it is fitted shall be such as to maintain 5 full thread engagement.