### TECHNICAL DATA

CABLE GLAND TYPE : PXSS2K-REX INGRESS PROTECTION IP66, IP67, IP68 PROCESS CONTROL SYSTEM : BS EN ISO 9001

#### EXPLOSIVE ATMOSPHERES CLASSIFICATION

ATEX CERTIFICATION No SIRA13ATEX1072X, SIRA13ATEX4078X ATEX CERTIFICATION CODE

( II 2G, II 1D, Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da 

: IECEx SIR.13.0027X

IECEx CERTIFICATION No IECEX CERTIFICATION CODE : Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da, Ex d I Mb, Ex e I Mb

cCSAus CERTIFICATION No.

cCSAus CERTIFICATION CODE

: Class I, Groups A, B, C and D; Class II, Div. 2, Groups F and G; Class III, Div. 2; Type 4X; Oil Resistance II : Class I, Zone 1 AEx d IIC Gb, AEx e IIC Gb, Class I, Zone 2 AEx nR IIC Gc, Class I, Zone 20 AEx ta IIIC Da

Installation should only be performed by a competent person using the correct tools. Spanners should be used for tightening. Read all instructions before beginning installation.

### SPECIAL CONDITIONS FOR SAFE USE

- 1. According to the CEC wiring code, connectors with metric threads are only suitable for Areas Classified in ZONES unless fitted with an approved Metric to NPT thread conversion adaptor.
- 2. Wiring method for type of cables that can be used in Class I, Div. 1, 2, and Class I, Zone 1, 2, Classified Areas according to 60079-14 installation wiring method restrictions.
- 3. When assembled for fitting to flexible conduit, the conduit shall be effectively clamped to prevent twisting and pulling.

- b) 10 full threads engaged for gas groups A and B
- 5. When the connector is supplied with metric entry threads, a CMP Entry Thread Washer should be fitted between the connector and the enclosure to prevent the ingress of moisture or dust into the enclosure. Thread tape
- Before installating the connector, ensure that the connector thread forms and the enclosure thread form are compatible

#### ACCESSORIES

The following accessories are available from CMP Products, as optional extras, to assist with fixing, sealing and earthing: Locknut | Earth Tag | Serrated Washer | Entry Thread (I.P.) Sealing Washer | Shroud '

| Cable<br>Gland<br>Size | Available Entry Threads (Alternate Metric Thread Lengths Available) Standard Option |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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                                                                                                                                                                                                                                                       | LSF33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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|                        | 20s16<br>20s<br>20<br>25<br>32<br>40<br>50s<br>50<br>63s<br>63<br>75s<br>75<br>90   | Cable Gland Size Metric  20s16 M20 205 M20 20 M20 25 M25 32 M32 40 M40 50 M50 635 M63 M63 755 M75 75 M75 90 M90 | Cable Gland Size         CALE State Stat | Cable Gland Size         (Alternate Metric Thread Standard Standard Standard)           Web Comment         Thread Comment         NPT (Metric)           20s16         M20         15.0         1/2"           20s         M20         15.0         1/2"           20         M20         15.0         1/2"           25         M25         15.0         1/2"           32         M32         15.0         1"           40         M40         15.0         1"           50         M50         15.0         2"           63         M63         15.0         2"           63         M63         15.0         2"           75         M75         15.0         3"           75         M75         15.0         2"           75         M75         15.0         3"           75         M75         15.0         3"           75         M75         15.0         3"           75         M90         24.0         3 1/2" | Cable Gland Size         (Alternate Metric Thread Lengths Av Standard Metric Thread Length (Metric)         Thread (Length (Metric) Thread Length (Metric)         NPT (Metric) Thread Length (Metric)           20s16         M20         15.0         1/2"         19.9           20s         M20         15.0         1/2"         19.9           25         M20         15.0         1/2"         19.9           25         M25         15.0         1/2"         20.2           32         M32         15.0         1"         25.0           40         M40         15.0         1"         25.6           50s         M50         15.0         2"         26.9           63         M63         15.0         2"         26.9           63         M63         15.0         2 1/2"         39.9           75s         M75         15.0         3"         41.5           90         M90         24.0         3 1/2"         42.8 | Cable Gland Size         (Alternate Metric Thread Lengths Available) Option Option Option State Metric State Metric (Metric) NPT (MPT)           20516         Mctric (Metric) (Metri | Cable Gland Size         (Alternet webric Thread Lengths Available) Option Ocres           Metric Burght (Metric)         Thread (Metric) (Metric)         Thread (Length (Metric))         Thread (Length (Metric))         NPT (NPT)         Max           205         M20         15.0         1/2"         19.9         3/4"         11           205         M20         15.0         1/2"         19.9         3/4"         11           25         M25         15.0         3/4"         20.2         1"         21           40         M40         15.0         1"         25.0         1 1/4"         38           40         M40         15.0         1 1/2"         26.6         1 1/2"         59           505         M50         15.0         2"         26.9         2 1/2"         89           63         M63         15.0         2"         26.9         2 1/2"         89           63         M63         15.0         2 1/2"         33.9         3"         115           63         M63         15.0         2 1/2"         39.9         3"         115           75         M75         15.0         3 1/2"         3 4/2"         3 1/2" <td>Cable Gland Size         (Alternate Mertric Thread Lengths Available) (Ports)         Number of Cores         Oyet Conductors           Standard Size         Metric Metric)         Thread (Metric)         NPT (Metric)         NPT (Mertr)         NPT (Mertric)         NPT (Metric)         NPT (Metric)         NPT (Metric)         Max (Max)           20s         M20         15.0         1/2" 19.9         3/4" 111         11.7         11.6         11.2         12.9         3/4" 111         11.2         12.6         25.0         1.10         11.2         25.0         1.1/4" 38         23.6         23.6         21.72" 19.9         3/4" 111         11.7         12.6         25.0         1.1/4" 38         23.6         23.6         23.6         1.1/2" 25.0         1.1/4" 38         23.6         23.6         1.1/2" 25.0         1.1/2" 25.0         1.1/2" 25.0         1.1/2" 25.0         1.1/2" 29.9         36.6         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         <t< td=""><td>Cable Gland Size         (Alternate Metric Thread Lengths Available)         Option         Over Conductors         Our Conductors           Standard Size         Metric         Thread (Metric)         NPT (NPT)         Max         Max         Max           20s16         M20         15.0         1/2"         19.9         3/4"         11         8.6         8.6           20s         M20         15.0         1/2"         19.9         3/4"         11         11.7         11.7           20         M20         15.0         1/2"         19.9         3/4"         11         11.6         12.6         12.9           25         M25         15.0         3/4"         20.2         1"         21         11.75         117.9           32         M32         15.0         1"         25.0         11/4"         38         23.6         23.9           40         M40         15.0         11/2"         26.1         2"         89         36.6         36.9           50         M50         15.0         2"         26.9         2 1/2"         89         41.0         41.3           63         M63         15.0</td><td>Cable Gland Size         (Alternate Metric Threat Lengths Available) Option         Name of Conductors         Over Conductors         Make         Make         Make         Make         Make         Make         Make         Make         As a.           20         M20         15.0         11/2"         19.9         3/4"         111         11.6         12.9         6.5           25         M25         15.0         11/4"         25.0         11/4"         38         23.6         23.9         17.0           40         M40         15.0         11/2"         26.1         <td< td=""><td>Cable Gland Size         (Alternet well-are thread Lengths Awailable) NPT (NPT)         Over Conductors         Miss of Conductors<!--</td--><td>Cable Gland Size         (Alternate Metric Thread Lengths Available)         Option         Over Coductors         Colore Conductors         Max         Max</td><td>Cable Gland Size         (Alternate Metric Thread Lengths Available) Statum and Professional Size         (Alternate Name of Size (Across Corners Conductors)         Coper Coductors         Coper Coductors         Colspan="8"&gt;Corners Corners Corners Corners           detric         Thread (Metric)         NPT (NPT)         Max         Max</td><td>Cable Gland Size         (Alternet whetric Thread Lengths Available) volume of Standard Size         Option Option         Over Conductors         Over Diameter         Over Lange and Balance of Standard Size of Standard S</td><td>Cable Gland Size         (Alterrate Metric Threat Lengths Available) Option Option         Oper Cores         Over Conductors         Cale Beadum Span (and the proper) Diameter         Over Calle Sealing Span (and the proper) Cores         Conductors         Cale Beadum Span (and the proper) Cores         Conductors         Diameter         Diameter         Cale Beadum Span (and the proper) Cores         Conductors         Flats         Corres         Protrusion         Size           20:16         M20         <th c<="" td=""><td>Cable Gland Size         (Alternet Metric Thread Lengths Available) volves Standard         Option Option         Over Conductors         Over Option         Ower Option         Across Over Option         Across Over Protrusion         Century         Reference (*Brass Met Length (Metric)         NPT         Max         Max         Max         Min         Max         Max</td><td>Cable Gland Size         (Alterrate Metric Thread Lengths Available) Number of Standard         Over Conductors         Over Labe Bedding Diameter         Over Labe Bedding Diameter         Flats         Crornes Cornes         Reference (*Brass Metric)           Standard Metric Thread Length (Metric)         NPT         Inhead (Length (Metric))         NPT         Max         Max         Min         Max         Max         Max         Length Length (Metric)         Size         Type         Ordering Suffix           2016         M20         15.0         17.2"         19.9         3/4"         11         11.7         11.7         11.7         6.1         11.7         30.0         33.0         53.1         2051         PXSSZKREX         1RA           205         M20         15.0         11/2"         19.9         3/4"         11         11.6         61.2         1.0         30.0         33.0         53.1         2051         PXSSZKREX         1RA           20         M20         15.0         11/2"         19.9         3/4"         11         11.6         12.9         6.5         14.0         30.0         33.0         54.2         20         PXSSZKREX         1RA           20</td><td>Cable Gland Size         (Alterate Nettric Thread Lengths Available)         Note of Conductors         Colores Conductors         Colores Conductors         Claim Education Diameter         Over Laber Blass         Corners         Protrusion (*Brass Metric)         Reference (*Brass Metric)         National Suffix           20:16         Mark         Thread Length         National Conductors         Reference (*Brass Metric)         (*Brass Metric)         Protrusion (*Brass Metric)         (*Brass Metric)         National Conductors         Protrusion (*Brass Metric)         National Conductors         Protrusion (*Brass Metric)         Calcian Conductors         Protrusion (*Brass Metric)         (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Calcian Conductors         Technology Conductors         Protrusion (*Brass Metric)         <th <="" colspan="8" td=""><td>Cable Gland Size         (Alterrate Metric Thread Lengths Available) Statutard         Option Option Option         Over Conductors         Diameter Diameter         Over Lable Arrows (Plant Lable Arrows Arrows (Plant Lable Arrows Arrows Arrows (Plant Lable Arrows Arrows</td></th></td></th></td></td></td<></td></t<></td> | Cable Gland Size         (Alternate Mertric Thread Lengths Available) (Ports)         Number of Cores         Oyet Conductors           Standard Size         Metric Metric)         Thread (Metric)         NPT (Metric)         NPT (Mertr)         NPT (Mertric)         NPT (Metric)         NPT (Metric)         NPT (Metric)         Max (Max)           20s         M20         15.0         1/2" 19.9         3/4" 111         11.7         11.6         11.2         12.9         3/4" 111         11.2         12.6         25.0         1.10         11.2         25.0         1.1/4" 38         23.6         23.6         21.72" 19.9         3/4" 111         11.7         12.6         25.0         1.1/4" 38         23.6         23.6         23.6         1.1/2" 25.0         1.1/4" 38         23.6         23.6         1.1/2" 25.0         1.1/2" 25.0         1.1/2" 25.0         1.1/2" 25.0         1.1/2" 29.9         36.6         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0         30.0 <t< td=""><td>Cable Gland Size         (Alternate Metric Thread Lengths Available)         Option         Over Conductors         Our Conductors           Standard Size         Metric         Thread (Metric)         NPT (NPT)         Max         Max         Max           20s16         M20         15.0         1/2"         19.9         3/4"         11         8.6         8.6           20s         M20         15.0         1/2"         19.9         3/4"         11         11.7         11.7           20         M20         15.0         1/2"         19.9         3/4"         11         11.6         12.6         12.9           25         M25         15.0         3/4"         20.2         1"         21         11.75         117.9           32         M32         15.0         1"         25.0         11/4"         38         23.6         23.9           40         M40         15.0         11/2"         26.1         2"         89         36.6         36.9           50         M50         15.0         2"         26.9         2 1/2"         89         41.0         41.3           63         M63         15.0</td><td>Cable Gland Size         (Alternate Metric Threat Lengths Available) Option         Name of Conductors         Over Conductors         Make         Make         Make         Make         Make         Make         Make         Make         As a.           20         M20         15.0         11/2"         19.9         3/4"         111         11.6         12.9         6.5           25         M25         15.0         11/4"         25.0         11/4"         38         23.6         23.9         17.0           40         M40         15.0         11/2"         26.1         <td< td=""><td>Cable Gland Size         (Alternet well-are thread Lengths Awailable) NPT (NPT)         Over Conductors         Miss of Conductors<!--</td--><td>Cable Gland Size         (Alternate Metric Thread Lengths Available)         Option         Over Coductors         Colore Conductors         Max         Max</td><td>Cable Gland Size         (Alternate Metric Thread Lengths Available) Statum and Professional Size         (Alternate Name of Size (Across Corners Conductors)         Coper Coductors         Coper Coductors         Colspan="8"&gt;Corners Corners Corners Corners           detric         Thread (Metric)         NPT (NPT)         Max         Max</td><td>Cable Gland Size         (Alternet whetric Thread Lengths Available) volume of Standard Size         Option Option         Over Conductors         Over Diameter         Over Lange and Balance of Standard Size of Standard S</td><td>Cable Gland Size         (Alterrate Metric Threat Lengths Available) Option Option         Oper Cores         Over Conductors         Cale Beadum Span (and the proper) Diameter         Over Calle Sealing Span (and the proper) Cores         Conductors         Cale Beadum Span (and the proper) Cores         Conductors         Diameter         Diameter         Cale Beadum Span (and the proper) Cores         Conductors         Flats         Corres         Protrusion         Size           20:16         M20         <th c<="" td=""><td>Cable Gland Size         (Alternet Metric Thread Lengths Available) volves Standard         Option Option         Over Conductors         Over Option         Ower Option         Across Over Option         Across Over Protrusion         Century         Reference (*Brass Met Length (Metric)         NPT         Max         Max         Max         Min         Max         Max</td><td>Cable Gland Size         (Alterrate Metric Thread Lengths Available) Number of Standard         Over Conductors         Over Labe Bedding Diameter         Over Labe Bedding Diameter         Flats         Crornes Cornes         Reference (*Brass Metric)           Standard Metric Thread Length (Metric)         NPT         Inhead (Length (Metric))         NPT         Max         Max         Min         Max         Max         Max         Length Length (Metric)         Size         Type         Ordering Suffix           2016         M20         15.0         17.2"         19.9         3/4"         11         11.7         11.7         11.7         6.1         11.7         30.0         33.0         53.1         2051         PXSSZKREX         1RA           205         M20         15.0         11/2"         19.9         3/4"         11         11.6         61.2         1.0         30.0         33.0         53.1         2051         PXSSZKREX         1RA           20         M20         15.0         11/2"         19.9         3/4"         11         11.6         12.9         6.5         14.0         30.0         33.0         54.2         20         PXSSZKREX         1RA           20</td><td>Cable Gland Size         (Alterate Nettric Thread Lengths Available)         Note of Conductors         Colores Conductors         Colores Conductors         Claim Education Diameter         Over Laber Blass         Corners         Protrusion (*Brass Metric)         Reference (*Brass Metric)         National Suffix           20:16         Mark         Thread Length         National Conductors         Reference (*Brass Metric)         (*Brass Metric)         Protrusion (*Brass Metric)         (*Brass Metric)         National Conductors         Protrusion (*Brass Metric)         National Conductors         Protrusion (*Brass Metric)         Calcian Conductors         Protrusion (*Brass Metric)         (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Calcian Conductors         Technology Conductors         Protrusion (*Brass Metric)         <th <="" colspan="8" td=""><td>Cable Gland Size         (Alterrate Metric Thread Lengths Available) Statutard         Option Option Option         Over Conductors         Diameter Diameter         Over Lable Arrows (Plant Lable Arrows Arrows (Plant Lable Arrows Arrows Arrows (Plant Lable Arrows Arrows</td></th></td></th></td></td></td<></td></t<> | Cable Gland Size         (Alternate Metric Thread Lengths Available)         Option         Over Conductors         Our Conductors           Standard Size         Metric         Thread (Metric)         NPT (NPT)         Max         Max         Max           20s16         M20         15.0         1/2"         19.9         3/4"         11         8.6         8.6           20s         M20         15.0         1/2"         19.9         3/4"         11         11.7         11.7           20         M20         15.0         1/2"         19.9         3/4"         11         11.6         12.6         12.9           25         M25         15.0         3/4"         20.2         1"         21         11.75         117.9           32         M32         15.0         1"         25.0         11/4"         38         23.6         23.9           40         M40         15.0         11/2"         26.1         2"         89         36.6         36.9           50         M50         15.0         2"         26.9         2 1/2"         89         41.0         41.3           63         M63         15.0 | Cable Gland Size         (Alternate Metric Threat Lengths Available) Option         Name of Conductors         Over Conductors         Make         Make         Make         Make         Make         Make         Make         Make         As a.           20         M20         15.0         11/2"         19.9         3/4"         111         11.6         12.9         6.5           25         M25         15.0         11/4"         25.0         11/4"         38         23.6         23.9         17.0           40         M40         15.0         11/2"         26.1 <td< td=""><td>Cable Gland Size         (Alternet well-are thread Lengths Awailable) NPT (NPT)         Over Conductors         Miss of Conductors<!--</td--><td>Cable Gland Size         (Alternate Metric Thread Lengths Available)         Option         Over Coductors         Colore Conductors         Max         Max</td><td>Cable Gland Size         (Alternate Metric Thread Lengths Available) Statum and Professional Size         (Alternate Name of Size (Across Corners Conductors)         Coper Coductors         Coper Coductors         Colspan="8"&gt;Corners Corners Corners Corners           detric         Thread (Metric)         NPT (NPT)         Max         Max</td><td>Cable Gland Size         (Alternet whetric Thread Lengths Available) volume of Standard Size         Option Option         Over Conductors         Over Diameter         Over Lange and Balance of Standard Size of Standard S</td><td>Cable Gland Size         (Alterrate Metric Threat Lengths Available) Option Option         Oper Cores         Over Conductors         Cale Beadum Span (and the proper) Diameter         Over Calle Sealing Span (and the proper) Cores         Conductors         Cale Beadum Span (and the proper) Cores         Conductors         Diameter         Diameter         Cale Beadum Span (and the proper) Cores         Conductors         Flats         Corres         Protrusion         Size           20:16         M20         <th c<="" td=""><td>Cable Gland Size         (Alternet Metric Thread Lengths Available) volves Standard         Option Option         Over Conductors         Over Option         Ower Option         Across Over Option         Across Over Protrusion         Century         Reference (*Brass Met Length (Metric)         NPT         Max         Max         Max         Min         Max         Max</td><td>Cable Gland Size         (Alterrate Metric Thread Lengths Available) Number of Standard         Over Conductors         Over Labe Bedding Diameter         Over Labe Bedding Diameter         Flats         Crornes Cornes         Reference (*Brass Metric)           Standard Metric Thread Length (Metric)         NPT         Inhead (Length (Metric))         NPT         Max         Max         Min         Max         Max         Max         Length Length (Metric)         Size         Type         Ordering Suffix           2016         M20         15.0         17.2"         19.9         3/4"         11         11.7         11.7         11.7         6.1         11.7         30.0         33.0         53.1         2051         PXSSZKREX         1RA           205         M20         15.0         11/2"         19.9         3/4"         11         11.6         61.2         1.0         30.0         33.0         53.1         2051         PXSSZKREX         1RA           20         M20         15.0         11/2"         19.9         3/4"         11         11.6         12.9         6.5         14.0         30.0         33.0         54.2         20         PXSSZKREX         1RA           20</td><td>Cable Gland Size         (Alterate Nettric Thread Lengths Available)         Note of Conductors         Colores Conductors         Colores Conductors         Claim Education Diameter         Over Laber Blass         Corners         Protrusion (*Brass Metric)         Reference (*Brass Metric)         National Suffix           20:16         Mark         Thread Length         National Conductors         Reference (*Brass Metric)         (*Brass Metric)         Protrusion (*Brass Metric)         (*Brass Metric)         National Conductors         Protrusion (*Brass Metric)         National Conductors         Protrusion (*Brass Metric)         Calcian Conductors         Protrusion (*Brass Metric)         (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Calcian Conductors         Technology Conductors         Protrusion (*Brass Metric)         <th <="" colspan="8" td=""><td>Cable Gland Size         (Alterrate Metric Thread Lengths Available) Statutard         Option Option Option         Over Conductors         Diameter Diameter         Over Lable Arrows (Plant Lable Arrows Arrows (Plant Lable Arrows Arrows Arrows (Plant Lable Arrows Arrows</td></th></td></th></td></td></td<> | Cable Gland Size         (Alternet well-are thread Lengths Awailable) NPT (NPT)         Over Conductors         Miss of Conductors </td <td>Cable Gland Size         (Alternate Metric Thread Lengths Available)         Option         Over Coductors         Colore Conductors         Max         Max</td> <td>Cable Gland Size         (Alternate Metric Thread Lengths Available) Statum and Professional Size         (Alternate Name of Size (Across Corners Conductors)         Coper Coductors         Coper Coductors         Colspan="8"&gt;Corners Corners Corners Corners           detric         Thread (Metric)         NPT (NPT)         Max         Max</td> <td>Cable Gland Size         (Alternet whetric Thread Lengths Available) volume of Standard Size         Option Option         Over Conductors         Over Diameter         Over Lange and Balance of Standard Size of Standard S</td> <td>Cable Gland Size         (Alterrate Metric Threat Lengths Available) Option Option         Oper Cores         Over Conductors         Cale Beadum Span (and the proper) Diameter         Over Calle Sealing Span (and the proper) Cores         Conductors         Cale Beadum Span (and the proper) Cores         Conductors         Diameter         Diameter         Cale Beadum Span (and the proper) Cores         Conductors         Flats         Corres         Protrusion         Size           20:16         M20         <th c<="" td=""><td>Cable Gland Size         (Alternet Metric Thread Lengths Available) volves Standard         Option Option         Over Conductors         Over Option         Ower Option         Across Over Option         Across Over Protrusion         Century         Reference (*Brass Met Length (Metric)         NPT         Max         Max         Max         Min         Max         Max</td><td>Cable Gland Size         (Alterrate Metric Thread Lengths Available) Number of Standard         Over Conductors         Over Labe Bedding Diameter         Over Labe Bedding Diameter         Flats         Crornes Cornes         Reference (*Brass Metric)           Standard Metric Thread Length (Metric)         NPT         Inhead (Length (Metric))         NPT         Max         Max         Min         Max         Max         Max         Length Length (Metric)         Size         Type         Ordering Suffix           2016         M20         15.0         17.2"         19.9         3/4"         11         11.7         11.7         11.7         6.1         11.7         30.0         33.0         53.1         2051         PXSSZKREX         1RA           205         M20         15.0         11/2"         19.9         3/4"         11         11.6         61.2         1.0         30.0         33.0         53.1         2051         PXSSZKREX         1RA           20         M20         15.0         11/2"         19.9         3/4"         11         11.6         12.9         6.5         14.0         30.0         33.0         54.2         20         PXSSZKREX         1RA           20</td><td>Cable Gland Size         (Alterate Nettric Thread Lengths Available)         Note of Conductors         Colores Conductors         Colores Conductors         Claim Education Diameter         Over Laber Blass         Corners         Protrusion (*Brass Metric)         Reference (*Brass Metric)         National Suffix           20:16         Mark         Thread Length         National Conductors         Reference (*Brass Metric)         (*Brass Metric)         Protrusion (*Brass Metric)         (*Brass Metric)         National Conductors         Protrusion (*Brass Metric)         National Conductors         Protrusion (*Brass Metric)         Calcian Conductors         Protrusion (*Brass Metric)         (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Calcian Conductors         Technology Conductors         Protrusion (*Brass Metric)         <th <="" colspan="8" td=""><td>Cable Gland Size 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Standard S | Cable Gland Size         (Alterrate Metric Threat Lengths Available) Option Option         Oper Cores         Over Conductors         Cale Beadum Span (and the proper) Diameter         Over Calle Sealing Span (and the proper) Cores         Conductors         Cale Beadum Span (and the proper) Cores         Conductors         Diameter         Diameter         Cale Beadum Span (and the proper) Cores         Conductors         Flats         Corres         Protrusion         Size           20:16         M20         M20 <th c<="" td=""><td>Cable Gland Size         (Alternet Metric Thread Lengths Available) volves Standard         Option Option         Over Conductors         Over Option         Ower Option         Across Over Option         Across Over Protrusion         Century         Reference (*Brass Met Length (Metric)         NPT         Max         Max         Max         Min         Max         Max</td><td>Cable Gland Size         (Alterrate Metric Thread Lengths Available) Number of Standard         Over Conductors         Over Labe Bedding Diameter         Over Labe Bedding Diameter         Flats         Crornes Cornes         Reference (*Brass Metric)           Standard Metric Thread Length (Metric)         NPT         Inhead (Length (Metric))         NPT         Max         Max         Min         Max         Max         Max         Length Length (Metric)         Size         Type         Ordering Suffix           2016         M20         15.0         17.2"         19.9         3/4"         11         11.7         11.7         11.7         6.1         11.7         30.0         33.0         53.1         2051         PXSSZKREX         1RA           205         M20         15.0         11/2"         19.9         3/4"         11         11.6         61.2         1.0         30.0         33.0         53.1         2051         PXSSZKREX         1RA           20         M20         15.0         11/2"         19.9         3/4"         11         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        Inhead (Length (Metric))         NPT         Max         Max         Min         Max         Max         Max         Length Length (Metric)         Size         Type         Ordering Suffix           2016         M20         15.0         17.2"         19.9         3/4"         11         11.7         11.7         11.7         6.1         11.7         30.0         33.0         53.1         2051         PXSSZKREX         1RA           205         M20         15.0         11/2"         19.9         3/4"         11         11.6         61.2         1.0         30.0         33.0         53.1         2051         PXSSZKREX         1RA           20         M20         15.0         11/2"         19.9         3/4"         11         11.6         12.9         6.5         14.0         30.0         33.0         54.2         20         PXSSZKREX         1RA           20 | Cable Gland Size         (Alterate Nettric Thread Lengths Available)         Note of Conductors         Colores Conductors         Colores Conductors         Claim Education Diameter         Over Laber Blass         Corners         Protrusion (*Brass Metric)         Reference (*Brass Metric)         National Suffix           20:16         Mark         Thread Length         National Conductors         Reference (*Brass Metric)         (*Brass Metric)         Protrusion (*Brass Metric)         (*Brass Metric)         National Conductors         Protrusion (*Brass Metric)         National Conductors         Protrusion (*Brass Metric)         Calcian Conductors         Protrusion (*Brass Metric)         (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Protrusion (*Brass Metric)         Calcian Conductors         Technology Conductors         Protrusion (*Brass Metric)         Protrusion (*Brass Metric) <th <="" colspan="8" td=""><td>Cable Gland Size         (Alterrate Metric Thread Lengths Available) Statutard         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\*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass '5', 316 Grade Stainless Steel '4'; Copper Free Aluminium '1' For NPT options add the following digits to the material suffix; 1/2" = 31; 3/4" = 32; 1" = 33; 1 1/4" = 34; 1 1/2" = 35; 2" = 36; 2 1/2" = 37; 3" = 38; 3 1/2" = 39; 4" = 310 (Brass requires prefix '0')

Examples: 32PXSS2KREX1RA534 = Nickel Plated Brass 1-1/4" NPT. 50SPXSS2KREX1RA035 = Brass 1-1/2" NPT. 25PXSS2KREX1RA432 = Stainless Steel 3/4" NPT. 20PXSS2KREX1RA5 Nickel Plated Brass M20

CMP Products Limited on its sole responsibility declares that the equipment referred to herein conforms to the requirements of the ATEX Directive 2014/34/EU and the following standards:

EN 60079-0:2006, EN 60079-1:2007, EN 60079-7:2007, EN 60079-15:2005, BS 6121:1989, EN 62444:2013, EN 61241-0:2007, EN 61241-1:2004

David Willcock - Certification Engineer - (Authorised Person) CMP Products Limited, Cramlington, NE23 1WH, UK

C€ 0518



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Notified Body: Sira Certification Service, Unit 6, Hawarden Industrial Park, Hawarden, CH5 3US, UK

# INSTALLATION INSTRUCTIONS FOR CMP CABLE GLAND TYPE PXSS2K-REX

FOR TERMINATION OF UNARMOURED, BRAIDED CABLES AND EXTRA HARD CORD USEAGE CABLES, FOR USE IN EXPLOSIVE ATMOSPHERES.

INCORPORATING EU DECLARATION OF CONFORMITY TO DIRECTIVE [2014/34/EU]

# CABLE GLAND TYPE PXSS2K-REX























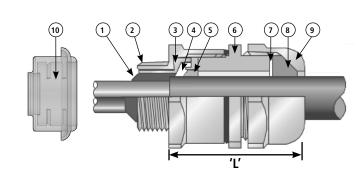




## INSTALLATION INSTRUCTIONS FOR CMP CABLE GLAND TYPES PXSS2K-REX

CABLE GLAND COMPONENTS - It is not necessary to dismantled the cable gland any further than illustrated below

- 1. Resin
- 2. Entry Component "A'
- 3. Compound Tube
- 4. Resin Dam
- 5 Spacer
- 6 Main Item
- 7. Skid Washer
- 8. Outer Seal
- 9. Outer Seal Nut
- 10. Thread Shield



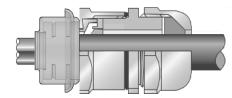
## PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE BEGINNING THE INSTALLATION

1. Remove any bedding or fillers from around the cable cores. If the cable cores have screens, these should be unravelled and then twisted together to form a single core. This single core and any drain wires present should be sleeved with some heat shrink tubing.

Electrical tape MUST be wrapped around the tips of the cable cores. This is to ensure the cable cores are together and also to cover any sharp edges that could potentially tear the Resin Dam during installation.

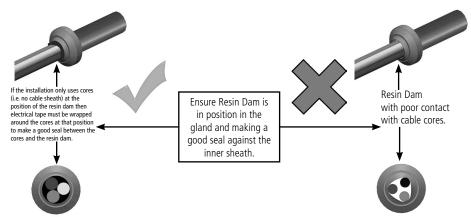


2. Feed the cable carefully into the entry item (2) through the resin dam (4). Reassemble the gland and adjust the position of the cable if necessary to that the outer sheath just protrudes through the resin dam. (Use length 'L' as a guide for positioning the cable). Tighten the outer seal nut enough to secure the gland. Make sure thread shield is in place.



Note: If the outer sheath is too large to pass through the spacer then wrap some electrical tape around the cores at the point they pass through the resin dam.

3. Refer to 'RapidEx Resin' assembly instructions to fill the connector Compound Tube with the required amount of resin. The resin should not be mixed or applied at temperatures below 5°C (40°F). If the general ambient temperature is below 5°C (40°F) please follow the instructions on CMP TDS 613 before proceeding (avaiable on CMP website)



Do not disassemble the gland to inspect the Resin Dam, diagrams are for representation.

- 4. Once the resin has cured remove the thread shield (10). Loosen the outer seal nut, remove the main item (6) and outer seal nut assembly (7,8,9) from the entry item (2). Fit the entry item into the equipment.
- 5. Re-install the cable assembly into the entry item and fully tighten the main item (6) onto the entry item (2). Tighten the outer seal nut (9) until it comes to an effective stop. This will occur when :-
  - A) The outer seal nut (9) has clearly engaged the cable and cannot be further tightened without the use of excessive force by the installer.
  - B) The outer seal nut (9) is metal to metal with the main item (6).

