

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	CMP Products Limited
Address	Glasshouse Street, St. Peters, Newcastle-Upon - Tyne, NE6 1BS, United Kingdom
Type	Cable Glands and Approved Accessories
Description	Adaptors and reducers for cable glands for hazardous areas in Marine, offshore and Industrial use
Trade Name	CMP
Application	See Appendix for Details
Specified Standard	See Appendix for Details
Ratings	See Appendix for Details
Other Conditions	See Appendix for Details



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Type Approval Certificate

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 01/00173(E3)

The Design Appraisal Document LR22320794TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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Appendix

Type	747 (Type A & Type B)
Design Specification	UL50, UL1203, BS 6121: Part 1: 1989, IEC 62444: 2010, EN 62444:2013
Classification	cCSAus – Class I, Groups A, B, C, and D; Class II, Groups E, F, and G; Class III; Ex de II; Class I, Zone 1, AEx de II; IP66, 67, and 68; Enclosure Type 4X UL – Class I, Groups A, B, C, and D; Class II, Groups E, F, and G; Class III Metallic Versions Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da Non-metallic Versions Ex eb IIC Gb / Ex ta IIIC Da
Compliance Code	UL 50, 1203, 60079-0, 1, 7 CSA C22.2 No 0, 0.5, 30, 94, 60079-0, 1, 7 CAN/CSA E61241 IEC 60079-0:2017 (EN:2018), IEC 60079-1:2014 (EN:2014), IEC 60079-7:2017 (EN:2015+A1:2018), IEC 60079-31: 2013 (EN:2014)
Certification	cCSAus 1055233 UL E214221 CML 18ATEX1320X CML 21UKEX1238X IECEX CML 18.0177X
Continuous operating temperature range	-60 °C to +200 °C (Metallic) -20 °C to +60 °C (Nylon)
Ingress protection	IP66, IP67, IP68; Type 4X

Type	757 (including suffix 'D', 'E', 'F' & 'R' variants)
Design Specification	UL50, UL1203, BS 6121: Part 1: 1989, IEC 62444: 2010, EN 62444:2013
Classification	cCSAus – Class II, Groups E, F, G; Class III; Ex e, Class I, Zone 1, AEx e II; IP66, 67, and 68; Enclosure Type 4X UL – Class I, Groups A, B, C, and D; Class II, Groups E, F, and G; Class III Metallic Versions Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da Non-metallic Versions Ex eb IIC Gb / Ex ta IIIC Da
Compliance Code	UL 50, 1203, 60079-0, 1, 7 CSA C22.2 No 0, 0.5, 30, 94, 60079-0, 1, 7 CAN/CSA E61241 IEC 60079-0:2017 (EN:2018), IEC 60079-1:2014 (EN:2014), IEC 60079-7:2017 (EN:2015+A1:2018), IEC 60079-31: 2013 (EN:2014)
Certification	cCSAus 1055233 UL E214221 CML 18ATEX1320X CML 21UKEX1238X IECEX CML 18.0177X
Continuous operating temperature range	-60 °C to +200 °C (Metallic) -20 °C to +60 °C (Nylon)
Ingress protection	IP66, IP67 or IP68 when fitted with CMP Integral 'O' Ring or entry Thread Sealing Washer; Type 4X

Type	767 (including suffix 'D', 'E', 'F' & 'R' variants)
Design Specification	UL50, UL1203, BS 6121: Part 1: 1989, IEC 62444: 2010, EN 62444:2013
Classification	cCSAus – Class I, Groups A, B, C, and D; Class II, Groups E, F, and G; Class III; Ex de II, Class I, Zone 1, AEx de II; IP66, 67, and 68; Enclosure Type 4X UL – Class I, Groups A, B, C, and D; Class II, Groups E, F, and G; Class III Metallic Versions Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da Non-metallic Versions Ex eb IIC Gb / Ex ta IIIC Da
Compliance Code	UL 50, 1203, 60079-0, 1, 7 CSA C22.2 No 0, 0.5, 30, 94, 60079-0, 1, 7 CAN/CSA E61241 IEC 60079-0:2017 (EN:2018), IEC 60079-1:2014 (EN:2014), IEC 60079-7:2017 (EN:2015+A1:2018), IEC 60079-31: 2013 (EN:2014)
Certification	cCSAus 1055233 UL E214221 CML 18ATEX1320X CML 21UKEX1238X IECEX CML 18.0177X
Continuous operating temperature range	-60 °C to +200 °C (Metallic) -20 °C to +60 °C (Nylon)
Ingress protection	IP66, IP67, or IP68 when fitted with CMP Integral 'O' Ring or entry Thread Sealing Washer; Type 4X

PX780REX IS NEW PRODUCT TO CERTIFICATE

Type	780 / PX780 / PX780REX (+variants)
Design Specification	UL50, UL1203, BS 6121: Part 1: 1989, IEC 62444: 2010, EN 62444:2013
Classification	cCSAus - Class I, Groups A, B, C and D; IP66, 67, 68; Enclosure Type 4X; Ex de II; Class I, Zone 1, AEx de II Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da / Ex db I Mb / Ex eb I Mb
Compliance Code	UL 50, 1203, 60079-0, 1, 7 CSA C22.2 No 0, 0.5, 30, 94, 60079-0, 1, 7 CAN/CSA E61241 IEC 60079-0:2017 (EN:2018), IEC 60079-1:2014 (EN:2014), IEC 60079-7:2017 (EN:2015+A1:2018), IEC 60079-31: 2013 (EN:2014)
Certification	cCSAus 1055233 CML 18ATEX1327X CML 21UKEX1240X IECEX CML 18.0190X
Continuous operating temperature range	-60 °C to +200 °C (Standard) -60 °C to +85 °C (PX version)
Ingress protection	IP66, IP67 or IP68; Type 4X

Type	784 / PX784 / PX784REX / 789 / PX789 / PX789REX (+variants)
Design Specification	UL50, UL1203, BS 6121: Part 1: 1989, IEC 62444: 2010, EN 62444:2013
Classification	cCSAus - Class I, Groups A, B, C, and D; IP66, 67, 68; Enclosure Type 4X; Ex de II; Class I, Zone 1, AEx de II Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da / Ex db I Mb / Ex eb I Mb
Compliance Code	UL 50, 1203, 60079-0, 1, 7 CSA C22.2 No 0, 0.5, 30, 94, 60079-0, 1, 7 CAN/CSA E61241 IEC 60079-0:2017 (EN:2018), IEC 60079-1:2014 (EN:2014), IEC 60079-7:2017 (EN:2015+A1:2018), IEC 60079-31: 2013 (EN:2014)
Certification	cCSAus 1055233 CML 18ATEX1329U CML 21UKEX1242 IECEX CML18.0186U
Continuous operating temperature range	-60 °C to +200 °C (Standard) -60 °C to +85 °C (PX version)
Ingress protection	IP66, IP67 or IP68; Type 4X

Type	777 INSULATED ADAPTOR
Design Specification	UL50, UL1203, BS 6121: Part 1: 1989, IEC 62444: 2010, EN 62444:2013
Classification	cCSAus – Class I, Groups A, B, C, and D; Ex de II, Class I, Zone 1, AEx de II; IP66, 67, and 68; Enclosure Type 4X; DIP A Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da
Compliance Code	IEC 60079-0:2017 (EN:2018), IEC 60079-1:2014 (EN:2014), IEC 60079-7:2017 (EN:2015+A1:2018) IEC 60079-31: 2013 (EN:2014)
Certification	CML 18ATEX1328U CML 21UKEX1239U IECEX CML 18.0185U cCSAus 1055233
Continuous operating temperature range	-60°C to +130°C
Ingress Protection	IP66, IP67, IP68 (30m depth)

Type	787 RIGHT ANGLE ADAPTOR
Design Specification	UL50, UL1203, BS 6121: Part 1: 1989, IEC 62444: 2010, EN 62444:2013
Classification	cCSAus – Class I, Groups A, B, C, and D; Ex de II, Class I, Zone 1, AEx de II; IP66, 67, and 68; Enclosure Type 4X Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da
Compliance Code	UL 50, 1203, 60079-0, 1, 7 CSA C22.2 No 0, 0.5, 30, 94, 60079-0, 1, 7 IEC 60079-0:2017 (EN:2018), IEC 60079-1:2014 (EN:2014), IEC 60079-7:2017 (EN:2015+A1:2018) IEC 60079-31: 2013 (EN:2014)
Certification	CML 18ATEX1319U CML 21UKEX1243U IECEX CML 18.0176U cCSAus 1055233
Continuous operating temperature range	-60°C to +200°C
Ingress Protection	IP66, IP67, IP68 (30m depth)

NEW PRODUCT TO CERTIFICATE.

Type	783 / 793 Y / T ADAPTOR
Design Specification	BS 6121: Part 1: 1989, IEC 62444: 2010, EN 62444:2013
Classification	Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da
Compliance Code	IEC 60079-0:2017 (EN:2018), IEC 60079-1:2014 (EN:2014), IEC 60079-7:2017 (EN:2015+A1:2018) IEC 60079-31: 2013 (EN:2014)
Certification	CML 18ATEX1306U CML 21UKEX1216U IECEX CML 18.0171U
Continuous operating temperature range	-60°C to +200°C
Ingress Protection	IP66, IP67, IP68 (30m depth)

Type	781 BREATHER / DRAIN PLUG
Design Specification	UL50, UL1203, BS 6121: Part 1: 1989, IEC 62444: 2010, EN 62444:2013
Classification	781D: Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da 781E: Ex eb IIC Gb / Ex ta IIIC Da
Compliance Code	UL 50, 1203, 60079-0, 1, 7 CSA C22.2 No 0, 0.5, 30, 94, 60079-0, 1, 7 CAN/CSA E61241 IEC 60079-0:2017 (EN:2018), IEC 60079-1:2014 (EN:2014), IEC 60079-7:2017 (EN:2015+A1:2018), IEC 60079-31: 2013 (EN:2014)
Certification	CML 18ATEX1330U CML 21UKEX1241U IECEX CML 18.0187U cCSAus 1055233 UL E253914
Continuous operating temperature range	-60°C to +130°C
Ingress Protection	IP66