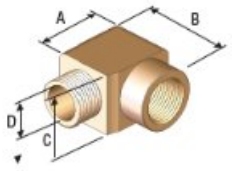

Right Angled Adaptor Type 787 with Flameproof Ex d IIC & Increased Safety Ex e II forms of protection.

The CMP Type 787 Right Angled Adaptor is designed to protect cables when installed in confined spaces where the cable may otherwise be subject to excessive bending stress.

A General Purpose Industrial version is also available.

These Right Angled Adaptors are available with Male or Female connection threads and can also be supplied with thread conversion between the forward and rear threads to either a reduced size or a different thread type, e.g. Metric to NPT, or NPT to Metric. Please refer to the table D in the ordering guide tables detailed in the file Ordering Definitions below for further information on these options.

The CMP Type 787 Right Angled Adaptors are available in Brass, Aluminium or Stainless Steel and can be supplied for both Industrial and Hazardous Area applications, with Ex d & Ex e Component Approval.

787 Series 90° Adaptors Table

Ordering Reference	Male Forward Thread	Minimum Thread Length	Bore Diameter "D"	Female Rear Thread Size	Protrusion Length "A"		Width "B"	Installation Torque (Nm)
					Male to Female Version	Female to Male Version		
787DM2M2	M20 X 1.5	10.0	14.0	M20 X 15	30.4	39.5	26.0	7
787DM3M3	M25 X 1.5	10.0	20.0	M25 X 1.5	35.0	50.0	30.0	10
787DM4M4	M32 X 1.5	10.0	26.3	M32 X 1.5	47.0	60.0	37.5	15
787DM5N5	M40 X 1.5	10.0	32.4	M40 X 1.5	60.0	75.0	48.0	25
787DM6M6	M50 X 1.5	10.0	43.8	M50 X 1.5	79.3	96.2	60.0	30
787DM7M7	M63 X 1.5	10.0	56.0	M63 X 1.5	90.0	102.0	75.0	45
787DM8M8	M75 X 1.5	10.0	68.0	M75 X 1.5	95.0	108.0	85.0	45
787DM9M9	M90 X 2.0	15.0	80.0	M90 X 2.0	96.0	110.0	110.0	45
787DM10M10	M100 X 2.0	15.0	91.0	M100 X 2.0	100.0	120.0	115.0	45
Dimensions are displayed in millimetres unless otherwise stated								

Note: Marked with ATEX, IECEx & cCSAus certification details as standard. Other Thread Variations are available on request. Please refer to ordering guide tables in Ordering Definitions.

Ordering Reference	Male Forward Thread	Minimum Thread Length	Bore Diameter "D"	Female Rear Thread Size	Protrusion Length "A"		Width "B"	Installation Torque (Nm)
					Male to Female Version	Female to Male Version		
787DM2M2	M20 X 0.059	0.394	0.551	M20 X 0.059	1.197	1.555	1.024	7
787DM3M3	M25 X 0.059	0.394	0.787	M20 X 0.059	1.378	1.969	1.181	10
787DM4M4	M32 X 0.059	0.394	1.035	M20 X 0.059	1.850	2.362	1.476	15
787DM5N5	M40 X 0.059	0.394	1.276	M20 X 0.059	2.362	2.953	1.889	25
787DM6M6	M50 X 0.059	0.394	1.724	M20 X 0.059	3.122	3.785	2.362	30
787DM7M7	M63 X 0.059	0.394	2.205	M20 X 0.059	3.543	4.016	2.953	45
787DM8M8	M75 X 0.059	0.394	2.677	M20 X 0.059	3.740	4.252	3.346	45
787DM9M9	M90 X 0.079	0.591	3.149	M20 X 0.079	3.779	4.331	4.331	45
787DM10M10	M90 X 0.079	0.591	3.583	M20 X 0.079	3.937	4.724	4.528	45
Dimensions are displayed in inches unless otherwise stated								

Note: Marked with ATEX, IECEx & cCSAus certification details as standard. Other Thread Variations are available on request. Please refer to ordering guide tables in Ordering Definitions.

TECHNICAL DATA
Please click a logo to display it's certification information

cCSAus Approval Certificate No.	1055233
cCSAus Code of Protection Category	Ex de II; Class I, Groups A, B, C and D; Class I, Zone 1, AEx de II; IP66, 67, and 68, Enclosure Type 4X.
cCSAus Compliance Standards	C22.2 No. 0.5-M1982, C22.2 No. 30-M1986, C22.2 No. 94-M1991,CAN/CSA E60079-0:07, CAN/CSA E60079-1:07,CAN/CSA E60079-7:02, UL Standard 50, Eleventh Edition, UL Standard 1203, Fourth Edition, UL 60079-0, Fourth Edition, UL 60079-1, Fifth Edition, UL 60079-7, First Edition
GOST R Certificate Number	POCC GB.HO06.B00207
GOST R Code of Protection Category	Ex d IIC / Ex e II / DIP A21
GOST R Compliance Standards	ГОСТ Р 52350.0-2005, ГОСТ Р 52350.1-2005, ГОСТ Р 52350.7-2005, ГОСТ МЭК 61241-1-1-99
GOST GGTN Permit	PPC 00-40706
GOST K Certificate Number	KZ 75000361 01 01 14761
RoK Permit For Use Number	19-02-UL-1957
INMETRO Approval Certificate Number.	AEX-13109-U
INMETRO Code of Protection Category	BR-Ex d IIC / BR-Ex e II
INMETRO Compliance Standards	ABNT NBR IEC 60079-0:2006, IEC 60079-1:2007 e IEC 60079-2007:2001
NEPSI Certificate Number	GYJ091017X
NEPSI Code of Protection Category	Ex d IIC / Ex e II
NEPSI Compliance Standards	GB3836.1-2000, GB3836.2-2003, GB3836.3-2000
RETIE Approval Number	03866
Type	787
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
ATEX Certification Detail	SIRA01ATEX1284U
ATEX Code of Protection Category	ATEX II 2 GD Ex d IIC & Ex e II - Component & Equipment, Zone 1, Zone 2, Zone 21, & Zone 22 - Gas Groups IIA, IIB, IIC, ATEX IM2 Ex d I, Ex e I
ATEX Compliance Standards	EN 60079-0, EN 60079-1, EN 60079-7, EN 50281-1-1
IEC Ex Certification Detail	SIRA07ATEX0055U
IEC Ex Code of Protection Category	Ex d I / Ex e I / Ex d IIC / Ex e II / Ex tD A21 IP6X
IEC Ex Compliance Standards	IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 61241-0, IEC 61241-1
Continuous Operating Temperature	-60°C to +200°C
Ingress Protection Rating	IP66, or IP68 when fitted with a CMP “O” Ring or Entry Thread Seal
Material	Brass, Electroless Nickel Plated Brass, Aluminium, Stainless Steel
Accessories	Locknut, Serrated Washer, Earth Tag, Entry Thread Seal

Note: Versions with Male Parallel forward threads are, as an option, also available with an integral "O" Ring Seal. For such options please add the suffix letter "R" after the type number (787) in the ordering reference above, e.g. 787RDM2M2.

Related Links

- How To Order