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cannon

CA-COM Industrial Connectors



ITT

ENGINEERED FOR LIFE



ITT Inc.

ITT is a diversified leading manufacturer of highly engineered critical components and customized technology solutions for the energy, transportation and industrial markets. Building on its heritage of innovation, ITT partners with its customers to deliver enduring solutions to the key industries that underpin our modern way of life. Founded in 1920, ITT is headquartered in White Plains, N.Y., with employees in more than 35 countries and sales in a total of approximately 125 countries. For more information, visit www.itt.com.

Our connector portfolio remains the most extensive in the industry, offering a reliable and cost effective range of interconnect solutions with the brands of Cannon, VEAM and BIW Connector Systems. Continuous investment in technology and research & development have enabled ITT to provide new, innovative products and solutions to markets including:



Transportation



Industrial / Instrumentation



Oil & Gas



Defense Vehicles



Commercial & Military Aerospace



Automotive



Computer, Telecom & Consumer Electronics

Our connector portfolio remains the most extensive in the industry, offering a reliable and cost effective range of interconnect solutions

Introduction to CA-COM

ITT Cannon's circular connector's series CA-COM and CA-COM-B are derivations of the connectors known as SAE-AS50151 (formerly MIL-DTL-5015) and VG95234. Initially designed for military aircraft and combat vehicle application the CA-COM versions have been modified especially for the utilization in various industrial areas. Connectors of both CA-COM series are intermateable and interchangeable with the corresponding types as per SAE-AS50151 and VG95234 as they offer the same mounting dimensions and contact arrangements. The entire CA-COM connector line is ROHS compliant.

Features and benefits

- The CA-COM standard version is featured by a threaded coupling system while the CA-COM-B types are coined by a "Reverse bayonet" coupling mechanism that offers exceptional vibration protection by a simple 120° turn. The CA-COM-B coupling unit is featured by roller bolts made of stainless steel rolling down the mating ramp, thus reducing coupling torque.
- Various backshell and adapter options, like PG metric gland and heatshrink boot are available amongst others.
- Insulators are made of high quality polychloroprene, which are good for temperatures up to 125°. This material is self-extinguishing, resistant against various fluids like gasoline, lubricants and other fluids of such nature (short time wetting only). In case of lifetime moistening FKM insulator material can be offered as an alternative.
- The contacts are made of copper alloy plated with hard silver finish good for at least 500 mating cycles. There are solder, crimp and PCB contacts in place. The crimp contacts offer a comprehensive range of termination reductions (see pages 41 and 42).
- All solder contacts are ROHS compliant due to a special passivation.

Contact us for detail or your request for a customized solution.

Vital Information:

2D and 3D drawings, connector specifications are available on ITT Cannon's web page: www.ittcannon.com
Please insert the full connector part number into the keyword search field.

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How to use

This catalog is split in several sections that help you to

- Get an impression what this product is all about (Introduction)
- Get a general overview of all product lines (product overview)
- Get all required detail information (contact arrangements, product details)
- Get all required supporting products (accessories and tooling)

The fastest way to find your product of choice is to follow these steps

1 **Select your product** using either the “part number creation” or the “ordering reference” option

3 **Add accessories and tooling options** on the related pages. A connector assembly instruction is available upon request or visit www.ittcannon.com:
Enter Keyword "CA Bayonet Assembly Instruction"

2 **Use the detail pages** to better understand the available options like connector styles, contact arrangements and contacts options

4 **Use the contact information** on the back cover to contact us for further questions or to get advise on where you can purchase our products

Product overview

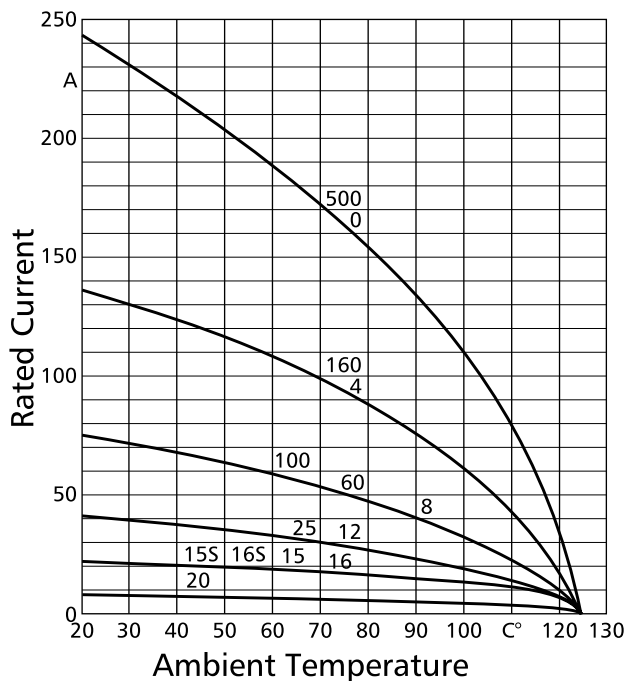
ELECTRICAL DATA

Contact Rating at 20°C (68°F), ambient temperature

Contact size (AWG/metric)	Rated Current (A _{max}) ¹
16S/15S	22
16/15	22
12	41
8/60/100	74
4/160	135
0/500	245

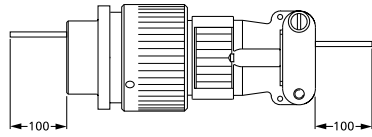
¹This applies only to the max. rated current for one contact. If several contacts in one contact arrangement are loaded with higher current the temperature may not exceed 125°C

Rated Current vs. Ambient Temperature



Contacts Resistance (Millivolt test)

Contact size (AWG/metric)	Contact resistance mΩ max.
16S/15S	6,0
16/15	6,0
12/25	3,0
8/100	1,0
4/160	0,3
0/500	0,2



Insulation Resistance ≥ 1000 MΩ

Air and Creepage Path (min.)

Voltage class	Instr.	A	D
Air path, mm	0,7	1,1	2,8
Creepage path, mm	0,7	1,1	2,8

Operation Voltage

As according to specification these connectors are suitable for an operating voltage of 50V_{rms} (see Product safety information). However, this is only valid when the connectors are freely accessible during operation and consequently might be touchable.

Dimensions shown in mm | Specifications and dimensions subject to change

Test voltage

Service rating	Test voltage V _{rms}
Instruments	1050
A	2000
B	4500
D	2500
E	3500

MECHANICAL FEATURES

Ambient temperature

-55/125°C (-67/257°F)

ENVIRONMENTAL SEALING Acc. to DIN EN 60068-1

Threaded: Up to IP 65 (in mated condition)

Bayonet: Up to IP 67 (in mated condition)

Mating Cycles min. 500

Min. Separating Force per Contact

Contact size		Separating force N min
metric	AWG	
15S/15	16S/16	1,0
25	12	1,5
60/100	8	3,0
160	4	4,0
500	0	8,5

Contact Retention Apply test force in mating direction

Contact size		Test force N
metric	AWG	
15S/15	16S/16	35
25	12	55
60/100	8	80
160	4	90
500	0	95

Coupling Torque

The admissible coupling torque has to be tested under harnessed condition

Shell size	Admissible torque		
	Closing and opening (Nm _{max})		Opening (Nm _{min})
	CA-COM	CA-COM-B	
10SL	3,0	1,7	0,15
12S	2,8	2,5	0,23
14S	5,9	3,6	0,35
16S/16	7,0	5,5	0,46
18	8,0	8,0	0,58
20	9,0	9,0	0,70
22	10,6	11,0	0,80
24	12,9	14,0	0,80
28	16,7	17,0	0,92
32	18,1	19,0	1,02
36	23,9	23,0	1,05





Materials

Shell	Aluminum alloy, Zinc die cast, nickel plated
Contacts	Copper alloy, silver plated
Insulator/Grommet	Polychloroprene

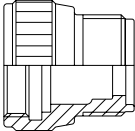
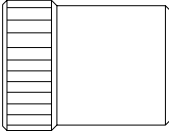
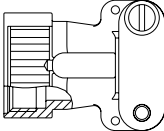
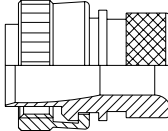
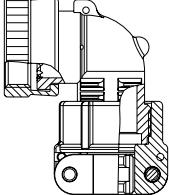
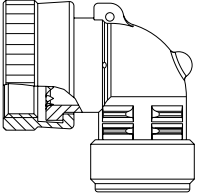
Part number creation plug

Follow these steps to design your connector part number.

STEP 1 Select shell style (plug)

Shell Style	Straight Plug		Plug 90°	
	Bayonet	Threaded	Bayonet	Threaded
				
	CA06COM-B	CA06COM	CA08COM-B	CA08COM

STEP 2 Choose backshell

Class F For Flex tube	Class PG; ME For PG or Metric cable glands	Class E General duty, strain relief	Class E Environmental, grommet seal, heat shrink boot adapter Mod. -03; -06 (bayonet), Mod. DN (threaded)	Class E, 90° General duty, strain relief	Class F, 90° For Flex tube
					

STEP 3 Choose layout see page 11–14 for layouts

STEP 4 Choose gender P=pin S=socket

STEP 5 Choose rotation see page 15 for rotation (omit for normal position)

STEP 6 Choose modification see page 10 for modifications

Design your part number as per above steps







CA-COM-B Example	STEP 1 Shell style	STEP 2 Class/Backshell	STEP 3 Contact arrangement	STEP 4 Contact gender	STEP 5 Insulation rotation	STEP 6 Mod code (max. 4 codes)
	CA06COM	E	20–27	S	W	B – 02

CA-COM Example	STEP 1 Shell style	STEP 2 Class/Backshell	STEP 3 Contact arrangement	STEP 4 Contact gender	STEP 5 Insulation rotation	STEP 6 Mod code (max. 4 codes)
	CA06COM	E	20–27	S	W	– 01 – DN

Part number creation receptacle

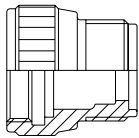
Follow these steps to design your connector part number.

STEP 1 Select shell style (receptacle)

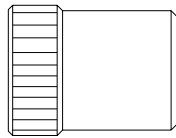
Wall Mounting		Cable connecting		Box Mounting	
Bayonet	Threaded	Bayonet	Threaded	Bayonet and Threaded (no backshell)	
					
CA00COM-B	CA00COM	CA01COM-B	CA01COM	CA02COM-B	CA20COM

STEP 2 Choose backshell

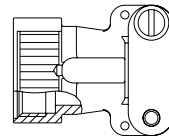
Class F
For Flex tube



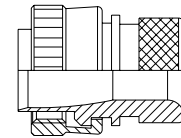
Class PG; ME
Grommet seal with strain relief



Class E
General duty, strain relief



Class E
Environmental, grommet seal, heat shrink boot adapter
Mod. -03; -06 (bayonet),
Mod. DN (treaded)



STEP 3 Choose layout

see page 11–14 for layouts

STEP 4 Choose gender

P=pin S=socket

STEP 5 Choose rotation

see page 15 for rotation (omit for normal position)

STEP 6 Choose modification

see page 10 for modifications

Design your part number as per above steps

CA-COM-B Example	STEP 1 Shell style	STEP 2 Class/Backshell	STEP 3 Contact arrangement	STEP 4 Contact gender	STEP 5 Insulation rotation	STEP 6 Mod code (max. 4 codes)
	CA00COM	PG	18-1	P	X	B - 01

CA-COM Example	STEP 1 Shell style	STEP 2 Class/Backshell	STEP 3 Contact arrangement	STEP 4 Contact gender	STEP 5 Insulation rotation	STEP 6 Mod code (max. 4 codes)
	CA00COM	ME	22-23	S	Y	

Ordering reference










Part number explanation

CA 06 COM-E 18-1 P W B- XX
 CA 06 COM-E 18-1 P W B- XX

Series CA – Cannon Designation	
Shell type	
00 – Wall mounting receptacle	see page 18–21
01 – cable connecting plug	see page 22–25
02 – Box mounting receptacle	see page 26+28
20 – Box mounting receptacle, rear mounting	see page 27+29
06 – Plug, straight	see page 30–33
08 – Plug, 90°	see page 34–36
Class	
COM-E – Endbell with cable clamp ¹	
COM-F – Endbell for flex tube	
COM-PG – Adapter for PG-termination	
COM-ME – Adapter for Metric-termination	
COM-L – PCB solder termination	
Shell size	
10SL, 12S, 14S, 16, 16S, 18, 20, 22, 24, 28, 32, 36	
Contact arrangement	see page 11–15
Contact type	
P – pin	
S – socket	
Alternate insert position	see page 14
Insulator rotation	
Coupling	
B – Bayonet coupling (without designation = threaded coupling)	
Modification	
01 – Metric crimp contacts	
03 – Adapter for heat shrink boots and metric crimp contacts (bayonet coupling only)	
06 – Adapter for heat shrink boots and solder pot contacts (bayonet coupling only)	
44 – With ending and grommet (individual wire sealing, Class E and F only)	
48 – F endbell with O-Ring	
BM29 – Threaded flange holes, shell styles 02, 20 and 00 (threaded coupling only)	
DN – Adapter for heat shrink boots (threaded coupling only)	
F42 – Less backshell / grommet	
F0 – Without contacts (to be ordered separately)	

¹ except shell style 02/20

CONTACT ARRANGEMENTS

Figure	No. of contacts	Contact arrangements Contact size	Service rating	Insulator position			
				W	X	Y	Z
	3	10SL-3 15S	A	-	-	-	-
	2	10SL-4 15S	A	-	-	-	-
	4	12SA-10 15S	A	-	-	-	-
	3	14S-1 15S	A	-	-	-	-
	4	14S-2 15S	Inst.	-	120	240	-
	5	14S-5 15S	Inst.	-	110	-	-
	6	14S-6 15S	Inst.	-	-	-	-
	3	14S-7 15S	A	90	180	270	-
	7	14SA7 15S	Inst.	-	-	-	-
	7	16S-1 15S	A	80	-	-	280
	5	16S-8 15S	A	-	170	265	-
	3	16-7 15 (A, B) 8 (C)	A	80	110	250	280
	4	16-9 15 (B, D) 25 (A, C)	A	35	110	250	325
	3	16-10 25	A	90	180	270	-
	1	16-12 4	A	0	-	-	-
	10	18-1 15	A (B, C, F, G) Inst. (all other)	70	145	-	290
	4	18-4 15	D	35	110	250	325

CONTACT ARRANGEMENTS

Figure	No. of contacts	Contact arrangements Contact size	Service rating	Insulator position			
				W	X	Y	Z
	7 5 2	18-9 15 (B, C, E-G) 25 (A, D)	Inst.	80	110	250	280
	4	18-10 25	A	-	120	240	-
	5	18-11 25	A	-	170	265	-
	4 3 1	18-13 25 (B, C) 8 (A)	A	80	110	250	280
	1	20-2 0	D	-	-	-	-
	4	20-4 25	D	45	110	250	-
	8	20-7 15	A (C-F) D (A, B, G, H)	80	110	250	280
	6 4 2	20-8 15 (B, C, E, F) 8 (A, D)	Inst.	80	110	250	280
	9	20A9 25	D (I) A (all other)	-	110	250	-
	19	20A48 15	Inst.	-	80	280	-
	7	20-15 25	A	80	-	-	280
	9 7 2	20-16 15 (A-G) 25 (H, I)	A	80	110	250	280
	3	20-19 8	A	90	180	270	-
	14	20-27 15	A	35	110	250	325
	17	20-29 15	A	80	-	-	280
	11	20-33 15	A	-	-	-	-
	5 3 2	22-12 15 (A, C, D) 8 (B, E)	D	80	110	250	280

CONTACT ARRANGEMENTS

Figure	No. of contacts	Contact arrangements Contact size	Service rating	Insulator position				Special insulator position	
				W	X	Y	Z		
	19	22-14 15	A	80	–	–	280		
	14	22-19 15	A	80	110	250	280		
	4	22-22 8	A	–	110	250	–		
	8	22-23 25	D (H) A (all other)	35	–	250	–		
	7	24-2 25	D	80	–	–	280		
	16 14 2	24-7 15 (A-M, O) 25 (P, N)	Inst.	80	110	250	280		
	7	24-10 8	A	80	–	–	280		
	9 6 3	24-11 25 (A-C, G-I) 8 (D, F)	A	35	110	250	325		
	11 9 2	24-20 15 (A-D, G, L) 25 (E, F)	A	80	110	250	280		
	4	24-22 8	D	45	110	250	–		
	24	24-28 15	Inst.	80	110	250	280		
	22 18 4	28-11 15 (A-I, N-X) 25 (J-M)	A	80	110	250	280		
	26	28-12 15	A	90	180	270	–		
	35	28-15 15	A	80	110	250	280		
	14 4 10	28-20 15 (K-N) 25 (A-J, P)	A	80	110	250	280		
	37	28-21 15	A	80	110	250	280		
	9 5 4	28A16 16 4	Inst.	–	–	–	–	2 4 9 12	260 110 250 280

CONTACT ARRANGEMENTS

Figure	No. of contacts	Contact arrangements Contact size	Service rating	Insulator position			
				W	X	Y	Z
	28 19 9	28A63 15 25	A (e) Inst. (all other)	–	–	–	–
	5 3 2	32-1 12 (A, C, D) 0 (B, E)	E (A) D (all other)	80	110	250	280
	2	32-5 0	D	35	110	250	325
	23 16 2 3 2	32-6 15 (A–D, S) 25 (U, V) 8 (P–T) 4 (W, X)	A	80	110	250	280
	35 28 7	32-7 15 (A–N, W, Z, a, k) 25 (O–V)	Inst. (A, B, h, i) A (all other)	80	125	235	280
	55 55	32A55 15	A	80	110	250	280
	4	32-17 4	D	45	110	250	–
	61 41 20	32A69 20 15	Inst.	–	110	250	–
	4	36-5 0	A	–	120	240	–
	48 15	36-10 15	A	80	125	235	280

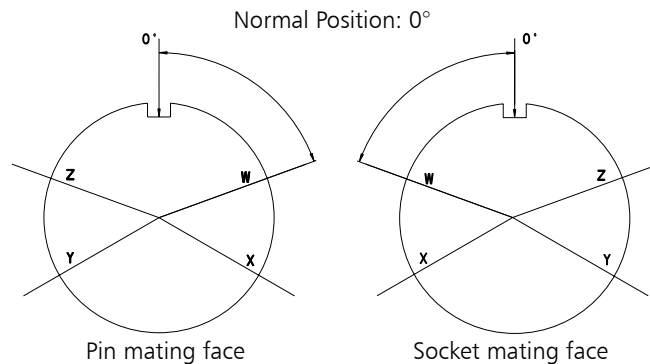
ALTERNATE INSERT POSITION

Indicates location of centerline of key or keyway of shells in fixed normal position. Insert is rotated as shown by arrow and letters.

Tolerances:

Pin insulator 10SL-20: $\pm 2,0^\circ$

Pin insulator 22-36: $\pm 1,5^\circ$



CONTACT ARRANGEMENTS

Contact count per contact arrangement

On pages 11–14 the contact arrangements are shown by shell sizes. The table below gives an overview on the number of contacts, contact size and per contact arrangement.

Contact Arrangement	No. of Contacts	Contact Size						
		10	15S	15	25	8	4	0
16-12	1						1	
20-2	1							1
10SL-4	2	2						
32-5	2							2
10SL-3	3	3						
14S-1	3	3						
14S-7	3	3						
16-7	3		2		1			
16-10	3			3				
20-19	3				3			
12SA10	4	4						
14S-2	4	4						
16-9	4		2	2				
18-4	4		4					
18-10	4			4				
18-13	4			3	1			
20-4	4			4				
22-22	4					4		
24-22	4					4		
32-17	4						4	
36-5	4							4
14S-5	5	5						
16S-8	5	5						
18-11	5			5				
22-12	5		3		2			
32-1	5			3				2
14S-6	6	6						
20-8	6		4		2			
14SA7	7	7						
16S-1	7	7						
18-9	7		5	2				
20-15	7			7				
24-2	7			7				
24-10	7				7			
20-7	8		8					
22-23	8			8				

Contact Arrangement	No. of Contacts	Contact Size						
		10	15S	15	25	8	4	0
20A9	9				9			
20-16	9			7	2			
24-11	9				6	3		
28A16	9			5			4	
18-1	10			10				
20-33	11			11				
24-20	11			9	2			
20-27	14			14				
22-19	14			14				
28-20	14			4	10			
24-7	16			14	2			
20-29	17			17				
20A48	19			19				
22-14	19			19				
28-11	22			18	4			
32-6	23			16	2	3	2	
24-28	24			24				
28-12	26			26				
28A63	28			19	9			
28-15	35			35				
32-7	35			28	7			
28-21	37			37				
36-10	48			48				
32A55	55			55				
32A69	61	41		20				

MOUNTING HOLES

Shell size	CA-COM Threaded				CA-COM-Bayonet			Mounting holes for connectors styles, complete receptacle range
	d1 H12 CA00... , CA20...	d1 H12 CA02...	d2 H13	e	d1 H12 CA00... , CA20...	d1 H12 CA02...	d2 H13	
10SL	16,0	16,4	3,4	18,2	19,1	17,0	3,4	
12S	19,1	16,4	3,4	20,6	22,0	17,0	3,4	
14S	22,3	19,7	3,4	23,0	25,5	20,0	3,4	
16S/16	25,5	22,9	3,4	24,6	28,3	23,0	3,4	
18	28,7	26,1	3,4	27,0	31,7	26,5	3,4	
20	31,8	29,5	3,4	29,4	35,0	30,0	3,4	
22	35,0	32,7	3,4	31,8	38,3	33,0	3,4	
24	38,2	36,0	3,9	34,9	41,8	36,0	3,9	
28	44,5	42,0	3,9	39,7	47,6	42,0	3,9	
32	50,9	48,3	4,5	44,5	54,3	48,5	4,5	
36	57,2	53,1	4,5	49,2	60,5	55,0	4,5	

HARNESSING

CA-COM connectors are designed for single wire harnessing, if an individual wire sealing grommet is used. Wires have to conform to wire and insulation diameters with the data given in the following table:

Contact size		Crimp/solder contacts		Insulation Ø	
AWG	metric mm	AWG	metric mm ²	AWG	metric mm
-	10	-	0,75-1,0	-	1,45-2,5
16S/15S	16/15	16	0,75-1,5	1,6-2,8	1,60-2,8
12	25	12	2,5	2,9-3,5	2,9-3,5
-	60	-	6,0	-	3,5-4,9
8	100	8	10,0	4,2-5,8	5,5-6,5
4	160	4	16,0	6,2-9,0	7,1-9,0
0	500	0	50,0	10,5-13,0	10,5-13,0

WIRE STRIPPING

Either mechanical or hot stripping can be used. Prevent conductors or insulators damage. For solder contacts, conductors have to be pretinned.

Note: Do not twist conductors used with crimp contacts. Do not touch uninsulated conductors before crimping, twisting of conductors and grease or lubricants on the wires cause poor crimp quality.

Contact size		Stripping length
AWG	metric	mm
-	10	4,0 + 0,4
16S/15S	16/15	6,0 + 0,5
12	25	6,0 + 0,5
8	60/100	11,0 + 0,8-0,4
4	160	11,0 + 0,8-0,4
0	500	13,0 + 0,8-0,4

WIRING HINTS

Strip wires carefully. Do not damage conductors and insulation. For solder connections, wires have to be pretinned. Do not twist conductors used in crimp contacts, otherwise no perfect crimp connection will be achieved. Do not touch conductors before crimping. Film of grease or lubricants on the strands will cause poor crimp quality.

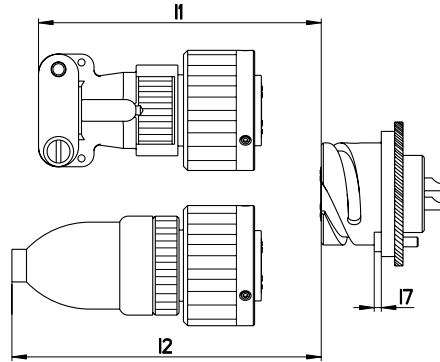
For detailed assembly instructions please visit www.ittcannon.com and search for the keyword "CA Bayonet Assembly Instruction".

SEPARATING AND COUPLING DIMENSIONS

PLUG

CA06COM-E
CA06COM-E-B

CA06COM-E-DN
CA06COM-E-B-03/-06



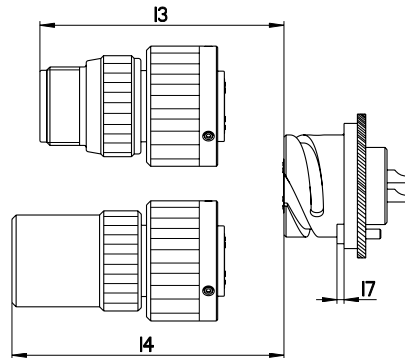
RECEPTACLE

CA02COM-E
CA02COM-E-B

PLUG

CA06COM-F
CA06COM-F-B

CA06COM-PG
CA06COM-PG-B



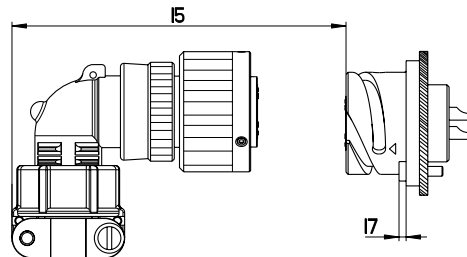
RECEPTACLE

CA02COM-E
CA02COM-E-B

PLUG

CA08COM-E
CA08COM-E-B

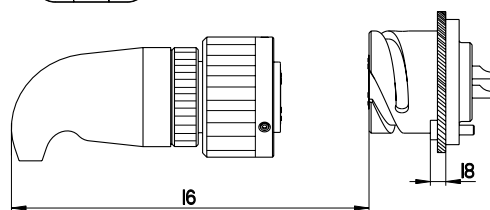
CA06COM-E-DN
CA006COM-E-B



RECEPTACLE

CA02COM-E
CA20COM-E

CA02COM-E-B
CA20COM-E-B



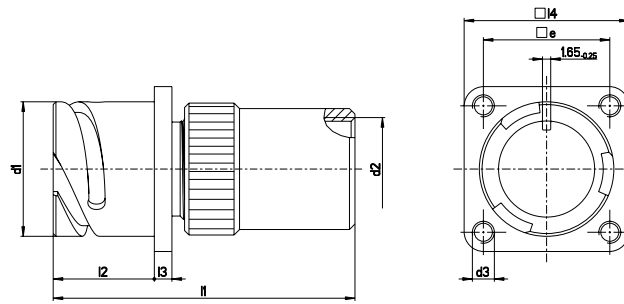
Shell size	I1 min	I2 min	I3 min	I4 min	I5 min	I6 min	I7 max	I8 max
10SL	70	70	65	80	70	65	3,5	8,0
12S	70	75	65	80	75	70	3,5	8,0
14S	70	75	65	80	75	80	3,5	8,0
16S	70	90	65	80	80	80	3,5	8,0
16	80	100	70	100	90	100	3,5	8,0
18	90	100	70	110	95	110	3,5	8,0
20	90	100	70	110	95	110	3,5	8,0
22	90	100	70	110	95	110	3,5	8,0
24	110	120	90	120	105	120	5,0	8,0
28	110	120	90	120	105	120	5,0	9,0
32	110	180	90	120	115	120	6,0	9,0
36	110	190	100	130	120	130	6,0	9,0

Dimensions shown in mm | Specifications and dimensions subject to change

WALL MOUNTING RECEPTACLE CLASS PG OR ME

CA00COM-PG-B with bayonet coupling, CA00COM-ME-B

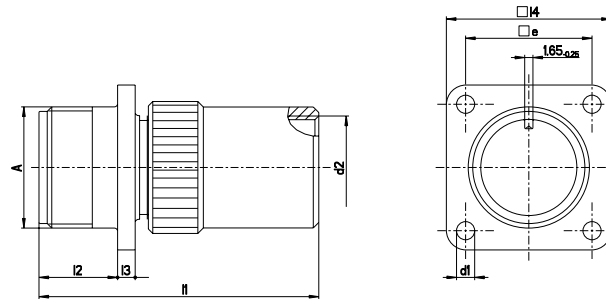
CA00COM-PG/ ME-B is a wall mounting receptacle for usage of PG or Metric glands. It mates with plugs CA06COM-B and CA08COM-B



Part No. (pin insert*)	d1	d2	d3	l1	l2	l3	l4	e
	-0,15	PG-Thread Metric	Thread	max	+0,4	+0,2	±0,3	±0,1
CA00COM-PG10SL**P-B-*** CA00COM-ME10SL**P-B-***	18,2	PG9 M16 × 1,5	M4	56	18,20	2,8	25,4	18,2
CA00COM-PG12S**P-B-*** CA00COM-ME12S**P-B-***	21,4	PG9 M16 × 1,5	M4	56	18,20	3,2	28,0	20,6
CA00COM-PG14S**P-B-*** CA00COM-ME14S**P-B-***	24,6	PG11 M20 × 1,5	M4	56	18,20	3,2	30,0	23,0
CA00COM-PG16S**P-B-*** CA00COM-ME16S**P-B-***	27,4	PG13,5 M20 × 1,5	M4	58	18,20	3,2	32,5	24,6
CA00COM-PG16**P-B-*** CA00COM-ME16**P-B-***	27,4	PG13,5 M20 × 1,5	M4	66	23,05	3,2	32,5	24,6
CA00COM-PG18**P-B-*** CA00COM-ME18**P-B-***	30,8	PG13,5 M25 × 1,5	M4	73	23,05	4,0	35,0	27,0
CA00COM-PG20**P-B-*** CA00COM-ME20**P-B-***	34,2	PG16 M25 × 1,5	M4	74	23,05	4,0	38,0	29,4
CA00COM-PG22**P-B-*** CA00COM-ME22**P-B-***	37,4	PG16 M32 × 1,5	M4	77	23,05	4,0	41,0	31,8
CA00COM-PG24**P-B-*** CA00COM-ME24**P-B-***	40,9	PG16 M32 × 1,5	M4	77	23,05	4,0	44,5	34,9
CA00COM-PG28**P-B-*** CA00COM-ME28**P-B-***	46,7	PG21 M32 × 1,5	M5	78	24,05	4,0	50,8	39,7
CA00COM-PG32**P-B-*** CA00COM-ME32**P-B-***	53,4	PG29 M40 × 1,5	M5	78	24,05	4,0	57,0	44,5
CA00COM-PG36**P-B-*** CA00COM-ME36**P-B-***	59,6	PG29 M40 × 1,5	M5	89	24,05	4,0	63,5	49,2

CA00COM-PG with threaded coupling, CA00COM-ME

CA00COM-PG / ME is a wall mounting receptacle for usage of PG or metric glands. It mates with plugs CA06COM and CA08COM



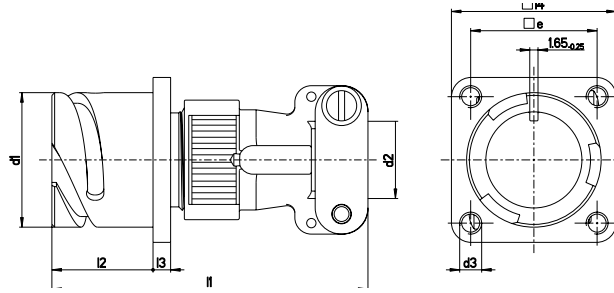
Part No. (pin insert*)	A	d1	d2	l1	l2	l3	l4	e
	Thread	+0,2/-0,1	PG-Thread Metric	max	+0,4	±0,3	±0,3	±0,1
CA00COM-PG10SL**P-*** CA00COM-ME10SL**P-***	5/8-24UNEF-2A	3,1	PG9 M16 × 1,5	52	14,2	2,8	25,4	18,2
CA00COM-PG12S**P-*** CA00COM-ME12S**P-***	3/4-20UNEF-2A	3,1	PG9 M16 × 1,5	52	14,2	3,2	28,0	20,6
CA00COM-PG14S**P-*** CA00COM-ME14S**P-***	7/8-20UNEF-2A	3,1	PG11 M20 × 1,5	52	14,2	3,2	30,0	23,0
CA00COM-PG16S**P-*** CA00COM-ME16S**P-***	1-20UNEF-2A	3,1	PG13,5 M20 × 1,5	54	14,2	3,2	32,5	24,6
CA00COM-PG16**P-*** CA00COM-ME16**P-***	1-20UNEF-2A	3,1	PG13,5 M20 × 1,5	64	19,0	3,2	32,5	24,6
CA00COM-PG18**P-*** CA00COM-ME18**P-***	1-1/8-18UNEF-2A	3,1	PG13,5 M25 × 1,5	69	19,0	4,0	35,0	27,0
CA00COM-PG20**P-*** CA00COM-ME20**P-***	1-1/4-18UNEF-2A	3,1	PG16 M25 × 1,5	70	19,0	4,0	38,0	29,4
CA00COM-PG22**P-*** CA00COM-ME22**P-***	1-3/8-18UNEF-2A	3,1	PG16 M32 × 1,5	73	19,0	4,0	41,0	31,8
CA00COM-PG24**P-*** CA00COM-ME24**P-***	1-1/2-18UNEF-2A	3,7	PG16 M32 × 1,5	74	20,6	4,0	44,5	34,9
CA00COM-PG28**P-*** CA00COM-ME28**P-***	1-3/4-18UNEF-2A	3,7	PG21 M32 × 1,5	74	20,6	4,0	50,8	39,7
CA00COM-PG32**P-*** CA00COM-ME32**P-***	2-18UNS-2A	4,4	PG29 M40 × 1,5	76	22,2	4,0	57,0	44,5
CA00COM-PG36**P-*** CA00COM-ME36**P-***	2-1/4-16UN-2A	4,4	PG29 M40 × 1,5	87	22,2	4,0	63,5	49,2

*For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11-15 *** Add modification code; see page 10 (bottom)

WALL MOUNTING RECEPTACLE CLASS E

CA00COM-E-B with bayonet coupling

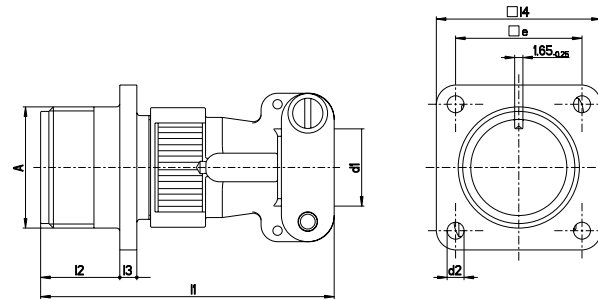
CA00COM-E-B is a wall mounting receptacle with endbell and cable clamp. It mates with plugs CA06COM-B and CA08COM-B



Part No. (pin insert*)	d1	d21	d3	l1	l2	l3	l4	e
	-0,15		Thread	max	+0,4	+0,2	±0,3	±0,1
CA00COM-E10SL-**P-B-***	18,2	7,9	M4	57	18,20	2,8	25,4	18,2
CA00COM-E12S-**P-B-***	21,4	7,9	M4	57	18,20	3,2	28,0	20,6
CA00COM-E14S-**P-B-***	24,6	11,1	M4	59	18,20	3,2	30,0	23,0
CA00COM-E16S-**P-B-***	27,4	14,2	M4	60	18,20	3,2	32,5	24,6
CA00COM-E16-**P-B-***	27,4	14,2	M4	68	23,05	3,2	32,5	24,6
CA00COM-E18-**P-B-***	30,8	15,8	M4	72	23,05	4,0	35,0	27,0
CA00COM-E20-**P-B-***	34,2	19,0	M4	72	23,05	4,0	38,0	29,4
CA00COM-E22-**P-B-***	37,4	19,0	M4	72	23,05	4,0	41,0	31,8
CA00COM-E24-**P-B-***	40,9	23,7	M4	78	23,05	4,0	44,5	34,9
CA00COM-E28-**P-B-***	46,7	23,7	M5	79	24,05	4,0	50,8	39,7
CA00COM-E32-**P-B-***	53,4	31,8	M5	78	24,05	4,0	57,0	44,5
CA00COM-E36-**P-B-***	59,6	34,6	M5	78	24,05	4,0	63,5	49,2

CA00COM-E with threaded coupling

CA00COM-E is a wall mounting receptacle with endbell and cable clamp. It mates with plugs CA06COM and CA08COM



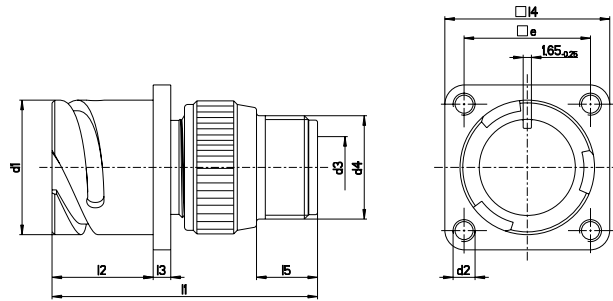
Part No. (pin insert*)	A	l1	l2	l3	l4	d1 ¹⁾	d2	e
	Thread	max	±0,3	max	+0,2/-0,1	+0,4	+0,2/-0,1	±0,3
CA00COM-E10SL-**P-***	5/8-24UNEF-2A	53	14,2	2,8	25,4	7,9	3,1	18,2
CA00COM-E12S-**P-***	3/4-20UNEF-2A	53	14,2	3,2	28,0	7,9	3,1	20,6
CA00COM-E14S-**P-***	7/8-20UNEF-2A	55	14,2	3,2	30,0	11,1	3,1	23,0
CA00COM-E16S-**P-***	1-20UNEF-2A	56	14,2	3,2	32,5	14,2	3,1	24,6
CA00COM-E16-**P-***	1-20UNEF-2A	66	19,0	3,2	32,5	14,2	3,1	24,6
CA00COM-E18-**P-***	1-1/8-18UNEF-2A	68	19,0	4,0	35,0	15,8	3,1	27,0
CA00COM-E20-**P-***	1-1/4-18UNEF-2A	68	19,0	4,0	38,0	19,0	3,1	29,4
CA00COM-E22-**P-***	1-3/8-18UNEF-2A	68	19,0	4,0	41,0	19,0	3,1	31,8
CA00COM-E24-**P-***	1-1/2-18UNEF-2A	76	20,6	4,0	44,5	23,7	3,7	34,9
CA00COM-E28-**P-***	1-3/4-18UNEF-2A	76	20,6	4,0	50,8	23,7	3,7	39,7
CA00COM-E32-**P-***	2-18UNS-2A	76	22,2	4,0	57,0	31,8	4,4	44,5
CA00COM-E36-**P-***	2-1/4-16UN-2A	76	22,2	4,0	63,5	34,6	4,4	49,2

* For socket inserts substitute "S" for "P" ** Add contact arrangement number; see pages 11-15 *** Add modification code; see page 10 (bottom) ¹⁾ max cable dia

WALL MOUNTING RECEPTACLE CLASS F

CA00COM-F-B with bayonet coupling

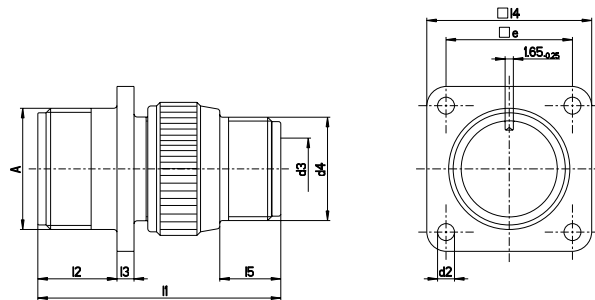
CA00COM-F-B is a wall mounting receptacle with endbell for flextubes. It mates with plugs CA06COM-B and CA08COM-B



Part No. (pin insert*)	d1	d2	d3 ¹⁾	d4	l1	l2	l3	l4	l5	e
	-0,15	Thread		Thread	max	+ 0,4	± 0,2	± 0,3	min	± 0,1
CA00COM-F10SL-**-P-B-***	18,2	M4	8,2	5/8-24UNEF-2A	52	18,20	2,8	25,4	9,5	18,2
CA00COM-F12S-**-P-B-***	21,4	M4	8,2	5/8-20UNEF-2A	52	18,20	3,2	28,0	9,5	20,6
CA00COM-F14S-**-P-B-***	24,6	M4	11,1	3/4-20UNEF-2A	52	18,20	3,2	30,0	9,5	23,0
CA00COM-F16S-**-P-B-***	27,4	M4	14,3	7/8-20UNEF-2A	59	18,20	3,2	32,5	9,5	24,6
CA00COM-F16-**-P-B-***	27,4	M4	14,3	7/8-20UNEF-2A	59	23,05	3,2	32,5	9,5	24,6
CA00COM-F18-**-P-B-***	30,8	M4	16,7	1-20UNEF-2A	63	23,05	4,0	35,0	9,5	27,0
CA00COM-F20-**-P-B-***	34,2	M4	19,8	1-3/16-18UNEF-2A	63	23,05	4,0	38,0	9,5	29,4
CA00COM-F22-**-P-B-***	37,4	M4	19,8	1-3/16-18UNEF-2A	66	23,05	4,0	41,0	9,5	31,8
CA00COM-F24-**-P-B-***	40,9	M4	25,4	1-7/16-18UNEF-2A	69	23,05	4,0	44,5	9,5	34,9
CA00COM-F28-**-P-B-***	46,7	M5	27,0	1-7/16-18UNEF-2A	70	24,05	4,0	50,8	9,5	39,7
CA00COM-F32-**-P-B-***	53,4	M5	32,5	1-3/4-18UNS-2A	71	24,05	4,0	57,0	11,0	44,5
CA00COM-F36-**-P-B-***	59,6	M5	35,7	2-18UNS-2A	73	24,05	4,0	63,5	11,8	49,2

CA00COM-F with threaded coupling

CA00COM-F is a wall mounting receptacle with endbell for flex tubes. It mates with plugs CA06COM and CA08COM



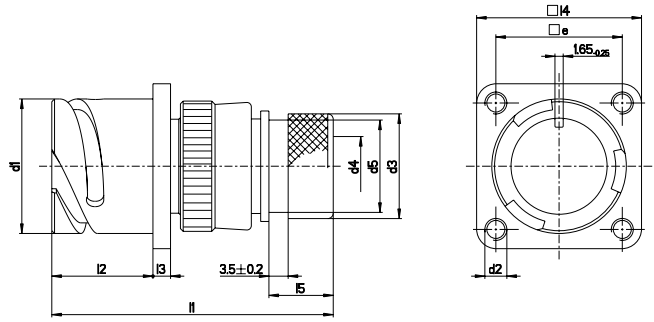
Part No. (pin insert*)	A	d2	d3 ¹⁾	d4	l1	l2	l3	l4	l5	e
	Thread	+ 0,2/-0,1		Thread	max	+ 0,4	± 0,3	± 0,3	min	± 0,1
CA00COM-F10SL-**-P-***	5/8-24UNEF-2A	3,1	8,2	5/8-24UNEF-2A	45	14,2	2,8	25,4	9,5	18,2
CA00COM-F12S-**-P-***	3/4-20UNEF-2A	3,1	8,2	5/8-20UNEF-2A	45	14,2	3,2	28,0	9,5	20,6
CA00COM-F14S-**-P-***	7/8-20UNEF-2A	3,1	11,1	3/4-20UNEF-2A	45	14,2	3,2	30,0	9,5	23,0
CA00COM-F16S-**-P-***	7/8-20UNEF-2A	3,1	14,3	7/8-20UNEF-2A	45	14,2	3,2	32,5	9,5	24,6
CA00COM-F16-**-P-***	1-20UNEF-2A	3,1	14,3	7/8-20UNEF-2A	54	19,0	3,2	32,5	9,5	24,6
CA00COM-F18-**-P-***	1-1/8-18UNEF-2A	3,1	16,7	1-20UNEF-2A	54	19,0	4,0	35,0	9,5	27,0
CA00COM-F20-**-P-***	1-1/4-18UNEF-2A	3,1	19,8	1-3/16-18UNEF-2A	55	19,0	4,0	38,0	9,5	29,4
CA00COM-F22-**-P-***	1-3/8-18UNEF-2A	3,1	19,8	1-3/16-18UNEF-2A	58	19,0	4,0	41,0	9,5	31,8
CA00COM-F24-**-P-***	1-1/2-18UNEF-2A	3,7	25,4	1-7/16-18UNEF-2A	59	20,6	4,0	44,5	9,5	34,9
CA00COM-F28-**-P-***	1-3/4-18UNEF-2A	3,7	27,0	1-7/16-18UNEF-2A	60	20,6	4,0	50,8	9,5	39,7
CA00COM-F32-**-P-***	2-18UNS-2A	4,4	32,5	1-3/4-18UNS-2A	62	22,2	4,0	57,0	11,0	44,5
CA00COM-F36-**-P-***	2-1/4-16UN-2A	4,4	35,7	2-18UNS-2A	64	22,2	4,0	63,5	11,8	49,2

* For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11-15 *** Add modification code; see page 10 (bottom) ¹⁾max cable dia

WALL MOUNTING RECEPTACLE CLASS E

CA00COM-E-B/-03/-06 with bayonet coupling

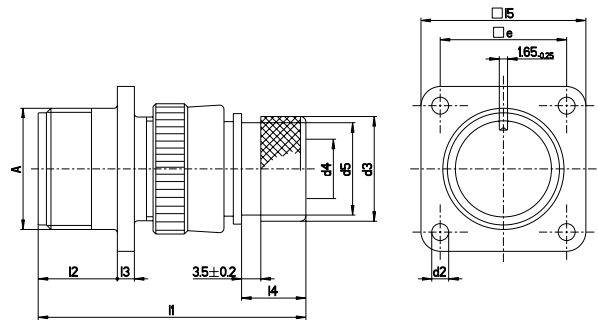
CA00COM-E-B/-03/-06 is a wall mounting receptacle (wire sealing) for heat shrink boots. It mates with plugs CA06COM-B and CA08COM-B



Part No. (pin insert*)	d1	d2	d3	d4 ¹⁾	d5	l1	l2	l3	l4	l5	e
	-0,15	Thread	± 0,2		max	max	+ 0,4	± 0,3	± 0,3	± 0,5	± 0,1
CA00COM-E10SL-**P-B-***	18,2	M4	15,5	7,7	13,3	53	18,20	2,8	25,4	11,7	18,2
CA00COM-E12S-**P-B-***	21,4	M4	15,5	7,9	13,3	53	18,20	3,2	28,0	11,7	20,6
CA00COM-E14S-**P-B-***	24,6	M4	19,1	10,6	17,0	53	18,20	3,2	30,0	11,7	23,0
CA00COM-E16S-**P-B-***	27,4	M4	23,9	13,5	21,9	53	18,20	3,2	32,5	11,7	24,6
CA00COM-E16-**P-B-***	27,4	M4	23,9	13,5	21,9	61	23,05	3,2	32,5	11,5	24,6
CA00COM-E18-**P-B-***	30,8	M4	23,9	14,6	21,9	62	23,05	4,0	35,0	11,5	27,0
CA00COM-E20-**P-B-***	34,2	M4	29,6	14,6	26,2	64	23,05	4,0	38,0	12,7	29,4
CA00COM-E22-**P-B-***	37,4	M4	29,6	20,8	26,2	64	23,05	4,0	41,0	12,7	31,8
CA00COM-E24-**P-B-***	40,9	M4	37,8	24,6	34,5	64	23,05	4,0	44,5	12,7	34,9
CA00COM-E28-**P-B-***	46,7	M5	37,8	27,0	34,5	66	24,05	4,0	50,8	12,7	39,7
CA00COM-E32-**P-B-***	53,4	M5	47,8	33,3	43,6	69	24,05	4,0	57,0	15,2	44,5
CA00COM-E36-**P-B-***	59,6	M5	47,8	38,5	43,6	70	24,05	4,0	63,5	15,2	49,2

CA00COM-E-DN with threaded coupling

CA00COM-E-DN is a wall mounting receptacle with endbell (wire sealing) for heat shrink boots. It mates with plugs CA06COM and CA08COM



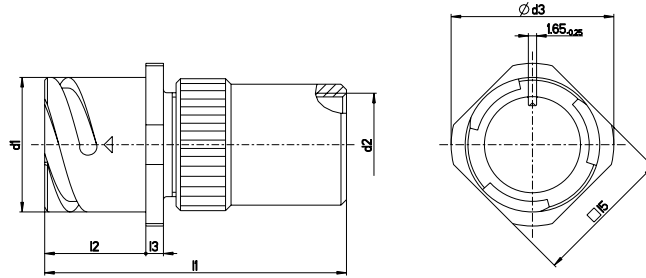
Part No. (pin insert*)	A	d2	d3	d4 ¹⁾	d5	l1	l2	l3	l4	l5	e
	Thread	+ 0,2/-0,1	± 0,2		max	max	+ 0,4	± 0,3	± 0,5	± 0,3	± 0,1
CA00COM-E10SL-**P-DN	5/8-24UNEF-2A	3,1	15,5	7,7	13,3	49,0	14,2	2,8	11,7	25,4	18,2
CA00COM-E12S-**P-DN	3/4-20UNEF-2A	3,1	15,5	7,9	13,3	49,0	14,2	3,2	11,7	28,0	20,6
CA00COM-E14S-**P-DN	7/8-20UNEF-2A	3,1	19,1	10,6	17,0	49,0	14,2	3,2	11,7	30,0	23,0
CA00COM-E16S-**P-DN	1-20UNEF-2A	3,1	23,9	13,5	21,9	49,0	14,2	3,2	11,7	32,5	24,6
CA00COM-E16-**P-DN	1-20UNEF-2A	3,1	23,9	13,5	21,9	58,0	19,0	3,2	11,5	32,5	24,6
CA00COM-E18-**P-DN	1-1/8-18UNEF-2A	3,1	23,9	14,6	21,9	58,0	19,0	4,0	11,5	35,0	27,0
CA00COM-E20-**P-DN	1-1/4-18UNEF-2A	3,1	23,9	14,6	26,2	60,0	19,0	4,0	12,7	35,0	27,0
CA00COM-E22-**P-DN	1-3/8-18UNEF-2A	3,1	29,6	20,8	26,2	60,0	19,0	4,0	12,7	41,0	31,8
CA00COM-E24-**P-DN	1-1/2-18UNEF-2A	3,7	37,8	24,6	34,5	63,0	20,6	4,0	12,7	44,5	34,9
CA00COM-E28-**P-DN	1-3/4-18UNEF-2A	3,7	37,8	27,0	34,5	63,0	20,6	4,0	12,7	50,8	39,7
CA00COM-E32-**P-DN	2-18UNS-2A	4,4	47,8	33,3	43,6	67,0	22,2	4,0	15,2	57,0	44,5
CA00COM-E36-**P-DN	2-1/4-16UN-2A	4,4	47,8	38,5	43,6	68,0	22,2	4,0	15,2	63,5	49,2

*For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11–15 ***-03: with metric crimp contacts/-06: with solder pot contacts ¹⁾max cable dia

CABLE CONNECTING PLUG CLASS PG OR ME

CA01COM-PG-B with bayonet coupling, CA01COM-ME-B

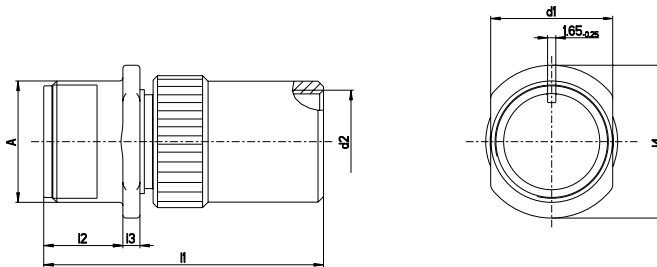
CA01COM-PG/ME-B is a cable connecting plug for usage of PG or metric glands. It mates with plugs CA06COM-B and CA08COM-B



Part No. PG (pin insert*)	Part No. ME (pin insert*)	d1 -0,15	d2		d3 max	l1 max	l2 +0,4	l3 +0,2	l5 ±0,2
			PG-Thread	Metric					
CA01COM-PG10SL-**P-B-***	CA01COM-ME10SL-**P-B-***	18,2	PG9	M16 × 1,5	25,2	56	18,2	2,8	20,6
CA01COM-PG12S-**P-B-***	CA01COM-ME12S-**P-B-***	21,4	PG9	M16 × 1,5	27,8	56	18,20	3,2	23,8
CA01COM-PG14S-**P-B-***	CA01COM-ME14S-**P-B-***	24,6	PG11	M20 × 1,5	29,8	56	18,20	3,2	25,4
CA01COM-PG16S-**P-B-***	CA01COM-ME16S-**P-B-***	27,4	PG13,5	M20 × 1,5	32,3	58	18,20	3,2	28,6
CA01COM-PG16-**P-B-***	CA01COM-ME16-**P-B-***	27,4	PG13,5	M20 × 1,5	32,3	66	23,05	3,2	28,6
CA01COM-PG18-**P-B-***	CA01COM-ME18-**P-B-***	30,8	PG13,5	M25 × 1,5	34,8	73	23,05	4,0	31,7
CA01COM-PG20-**P-B-***	CA01COM-ME20-**P-B-***	34,2	PG16	M25 × 1,5	37,8	74	23,05	4,0	34,9
CA01COM-PG22-**P-B-***	CA01COM-ME22-**P-B-***	37,4	PG16	M32 × 1,5	41,1	77	23,05	4,0	38,1
CA01COM-PG24-**P-B-***	CA01COM-ME24-**P-B-***	40,9	PG16	M32 × 1,5	44,6	77	23,05	4,0	41,3
CA01COM-PG28-**P-B-***	CA01COM-ME28-**P-B-***	46,7	PG21	M32 × 1,5	50,9	78	24,05	4,0	47,6
CA01COM-PG32-**P-B-***	CA01COM-ME32-**P-B-***	53,4	PG29	M40 × 1,5	57,1	78	24,05	4,0	54,0
CA01COM-PG36-**P-B-***	CA01COM-ME36-**P-B-***	59,6	PG29	M40 × 1,5	63,6	89	24,05	4,0	60,6

CA01COM-PG with threaded coupling

CA01COM-PG/ME is a cable connecting plug for usage of PG or metric glands. It mates with plugs CA06COM and CA08COM



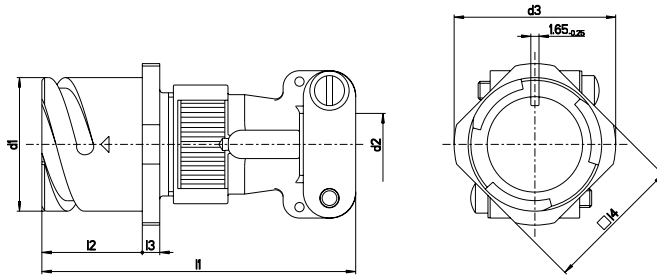
Part No. PG (pin insert*)	Part No. ME (pin insert*)	A Thread	d1 max	d2		l1 max	l2 +0,4	l3 ±0,3	l4 max
				PG-Thread	Metric				
CA01COM-PG10SL-**P-***	CA01COM-ME10SL-**P-***	5/8-24UNEF-2A	16,2	PG9	M16 × 1,5	52	14,2	2,8	21,8
CA01COM-PG12S-**P-***	CA01COM-ME12S-**P-***	3/4-20UNEF-2A	19,4	PG9	M16 × 1,5	52	14,2	3,2	25,0
CA01COM-PG14S-**P-***	CA01COM-ME14S-**P-***	7/8-20UNEF-2A	22,5	PG11	M20 × 1,5	52	14,2	3,2	28,2
CA01COM-PG16S-**P-***	CA01COM-ME16S-**P-***	1-20UNEF-2A	25,7	PG13,5	M20 × 1,5	54	14,2	3,2	31,4
CA01COM-PG16-**P-***	CA01COM-ME16-**P-***	1-20UNEF-2A	25,7	PG13,5	M20 × 1,5	64	19,0	3,2	31,4
CA01COM-PG18-**P-***	CA01COM-ME18-**P-***	1-1/8-18UNEF-2A	28,9	PG13,5	M25 × 1,5	69	19,0	4,0	34,5
CA01COM-PG20-**P-***	CA01COM-ME20-**P-***	1-1/4-18UNEF-2A	32,1	PG16	M25 × 1,5	70	19,0	4,0	37,3
CA01COM-PG22-**P-***	CA01COM-ME22-**P-***	1-3/8-18UNEF-2A	35,2	PG16	M32 × 1,5	73	19,0	4,0	40,9
CA01COM-PG24-**P-***	CA01COM-ME24-**P-***	1-1/2-18UNEF-2A	38,4	PG16	M32 × 1,5	74	20,6	4,0	43,8
CA01COM-PG28-**P-***	CA01COM-ME28-**P-***	1-3/4-18UNEF-2A	44,8	PG21	M32 × 1,5	74	20,6	4,0	50,4
CA01COM-PG32-**P-***	CA01COM-ME32-**P-***	2-18UNS-2A	51,1	PG29	M40 × 1,5	76	22,2	4,0	56,8
CA01COM-PG36-**P-***	CA01COM-ME36-**P-***	2-1/4-16UN-2A	57,5	PG29	M40 × 1,5	87	22,2	4,0	63,1

*For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11–15 ***Add modification code; see page 10 (bottom)

CABLE CONNECTING PLUG CLASS E

CA01COM-E-B with bayonet coupling

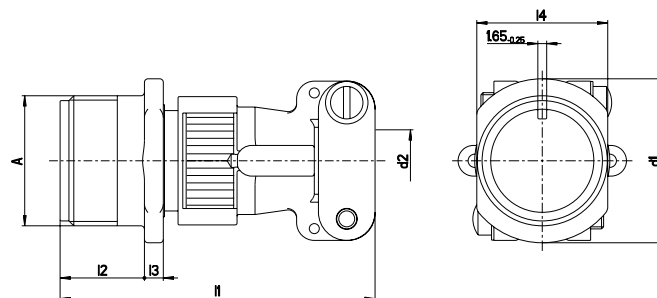
CA01COM-E-B is a cable connecting plug with endbell and cable clamp. It mates with plugs CA06COM-B and CA08COM-B



Part No. (pin insert)	d1	d2 ¹⁾	d3	l1	l2	l3	l4
	-0,15		max	max	+ 0,4	± 0,2	± 0,2
CA01COM-E10SL-**P-B-***	18,2	7,9	25,2	57	18,20	2,8	20,6
CA01COM-E12S-**P-B-***	21,4	7,9	27,8	57	18,20	3,2	23,8
CA01COM-E14S-**P-B-***	24,6	11,1	29,8	59	18,20	3,2	25,4
CA01COM-E16S-**P-B-***	27,4	14,2	32,3	60	18,20	3,2	28,6
CA01COM-E16-**P-B-***	27,4	14,2	32,3	68	23,05	3,2	28,6
CA01COM-E18-**P-B-***	30,8	15,8	34,8	72	23,05	4,0	31,7
CA01COM-E20-**P-B-***	34,2	19,0	37,8	72	23,05	4,0	34,9
CA01COM-E22-**P-B-***	37,4	19,0	41,1	72	23,05	4,0	38,1
CA01COM-E24-**P-B-***	40,9	23,7	44,6	78	23,05	4,0	41,3
CA01COM-E28-**P-B-***	46,7	23,7	50,9	79	24,05	4,0	47,6
CA01COM-E32-**P-B-***	53,4	31,8	57,1	78	24,05	4,0	54,0
CA01COM-E36-**P-B-***	59,6	34,6	63,6	78	24,05	4,0	60,6

CA01COM-E with threaded coupling

CA01COM-E is a cable connecting plug with endbell and cable clamp. It mates with plugs CA06COM and CA08COM



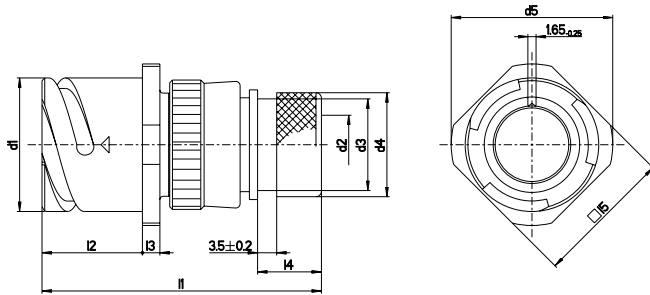
Part No. (pin insert)	A	d1	d2 ¹⁾	l1	l2	l3	l4
	Thread	max		max	+ 0,4	± 0,3	max
CA01COM-E10SL-**P-***	5/8-24UNEF-2A	21,8	7,9	53	14,2	2,8	16,2
CA01COM-E12S-**P-***	3/4-20UNEF-2A	25,0	7,9	53	14,2	3,2	19,4
CA01COM-E14S-**P-***	7/8-20UNEF-2A	28,2	11,1	55	14,2	3,2	22,5
CA01COM-E16S-**P-***	1-20UNEF-2A	31,4	14,2	56	14,2	3,2	25,7
CA01COM-E16-**P-***	1-20UNEF-2A	31,4	14,2	66	19,0	3,2	25,7
CA01COM-E18-**P-***	1-1/8-18UNEF-2A	34,5	15,8	68	19,0	4,0	28,9
CA01COM-E20-**P-***	1-1/4-18UNEF-2A	37,3	19,0	68	19,0	4,0	32,1
CA01COM-E22-**P-***	1-3/8-18UNEF-2A	40,9	19,0	68	19,0	4,0	35,2
CA01COM-E24-**P-***	1-1/2-18UNEF-2A	43,8	23,7	76	20,6	4,0	38,4
CA01COM-E28-**P-***	1-3/4-18UNEF-2A	50,4	23,7	76	20,6	4,0	44,8
CA01COM-E32-**P-***	2-18UNS-2A	56,8	31,8	76	22,2	4,0	51,1
CA01COM-E36-**P-***	2-1/4-16UN-2A	63,1	34,6	76	22,2	4,0	57,5

*For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11–15 *** Add modification code; see page 10 (bottom) ¹⁾max cable dia

CABLE CONNECTING PLUG CLASS E

CA01COM-E-B/-03/-06 with bayonet coupling

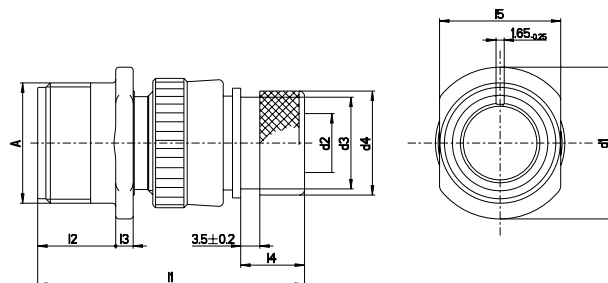
CA01COM-E-B/-03/-06 is a cable connecting plug with endbell (wire sealing) for heat shrink boots. It mates with plugs CA06COM-B and CA08COM-B



Part No. (pin insert*)	d1	d2 ¹⁾	d3	d4	d5	l1	l2	l3	l4	l5
	-0,15	max	max	± 0,2	max	max	+ 0,4	± 0,3	± 0,5	± 0,2
CA01COM-E10SL-**-P-B-***	18,2	7,7	13,3	15,5	25,2	53	18,20	2,8	11,7	20,6
CA01COM-E12S-**-P-B-***	21,4	7,9	13,3	15,5	27,8	53	18,20	3,2	11,7	23,8
CA01COM-E14S-**-P-B-***	24,6	10,6	17,0	19,1	29,8	53	18,20	3,2	11,7	25,4
CA01COM-E16S-**-P-B-***	27,4	13,5	21,9	23,9	32,3	53	18,20	3,2	11,7	28,6
CA01COM-E16-**-P-B-***	27,4	13,5	21,9	23,9	32,3	61	23,05	3,2	11,5	28,6
CA01COM-E18-**-P-B-***	30,8	14,6	21,9	23,9	34,8	62	23,05	4,0	11,5	31,7
CA01COM-E20-**-P-B-***	34,2	18,7	26,2	29,6	37,8	64	23,05	4,0	12,7	34,9
CA01COM-E22-**-P-B-***	37,4	20,8	26,2	29,6	41,1	64	23,05	4,0	12,7	38,1
CA01COM-E24-**-P-B-***	40,9	24,6	34,5	37,8	44,6	64	23,05	4,0	12,7	41,3
CA01COM-E28-**-P-B-***	46,7	27,0	34,5	37,8	50,9	66	24,05	4,0	12,7	47,6
CA01COM-E32-**-P-B-***	53,4	33,3	43,6	47,8	57,1	69	24,05	4,0	15,2	54,0
CA01COM-E36-**-P-B-***	59,6	38,5	43,6	47,8	63,6	70	24,05	4,0	15,2	60,6

CA01COM-E-DN with threaded coupling

CA01COM-E-DN is a cable connecting plug with endbell (wire sealing) for heat shrink boots. It mates with plugs CA06COM and CA08COM



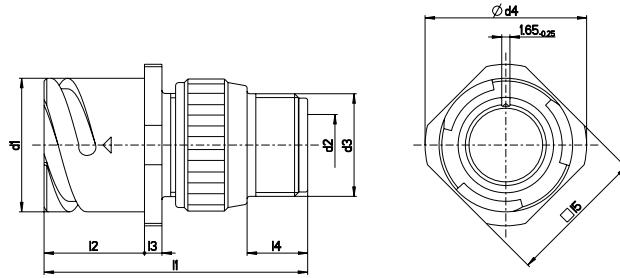
Part No. (pin insert*)	A	d1	d2 ¹⁾	d3	d4	l1	l2	l3	l4	l5
	Thread	max	max	± 0,5	± 0,2	max	± 0,3	± 0,3	max	± 0,2
CA01COM-E10SL-**-P-DN	5/8-24UNEF-2A	21,8	7,7	15,5	15,5	49,0	14,2	2,8	11,7	16,2
CA01COM-E12S-**-P-DN	3/4-20UNEF-2A	25,0	7,9	15,5	15,5	49,0	14,2	3,2	11,7	19,4
CA01COM-E14S-**-P-DN	7/8-20UNEF-2A	28,2	10,6	19,1	19,1	49,0	14,2	3,2	11,7	22,5
CA01COM-E16S-**-P-DN	1-20UNEF-2A	31,4	13,5	23,9	23,9	49,0	14,1	3,2	11,7	25,7
CA01COM-E16-**-P-DN	1-20UNEF-2A	31,4	13,5	23,9	23,9	58,0	19,0	3,2	11,5	25,7
CA01COM-E18-**-P-DN	1-1/8-18UNEF-2A	34,5	14,6	23,9	23,9	58,0	19,0	4,0	11,5	28,9
CA01COM-E20-**-P-DN	1-1/4-18UNEF-2A	37,3	18,7	29,6	29,6	60,0	19,0	4,0	12,7	32,1
CA01COM-E22-**-P-DN	1-3/8-18UNEF-2A	40,9	20,8	29,6	29,6	60,0	19,0	4,0	12,7	35,2
CA01COM-E24-**-P-DN	1-1/2-18UNEF-2A	43,8	24,6	37,8	37,8	63,0	20,6	4,0	12,7	38,4
CA01COM-E28-**-P-DN	1-3/4-18UNEF-2A	50,4	27,0	37,8	37,8	63,0	20,6	4,0	12,7	44,8
CA01COM-E32-**-P-DN	2-18UNS-2A	56,8	33,3	47,8	47,8	67,0	22,2	4,0	15,2	51,1
CA01COM-E36-**-P-DN	2-1/4-16UN-2A	63,1	38,5	47,8	47,8	68,0	22,2	4,0	15,2	57,5

* For socket inserts substitute "S" for "P" ** Add contact arrangement number; see pages 11–15 *** -03: with metric crimp contacts / -06: with solder pot contacts ¹⁾ max cable dia

CABLE CONNECTING PLUG CLASS F

CA01COM-F-B with bayonet coupling

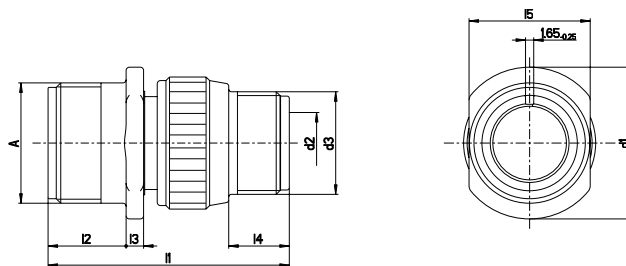
CA01COM-F-B is a cable connecting plug for flex tube. It mates with plugs CA06COM-B and CA08COM-B



Part No. (pin insert*)	d1	d2 ¹⁾	d3	d4	l1	l2	l3	l4	l5
	-0,15		Thread	max	max	+ 0,4	± 0,2	min	± 0,2
CA01COM-F10SL-**P-B-***	18,2	8,2	5/8-24UNEF-2A	25,2	50	18,20	2,8	9,5	20,6
CA01COM-F12S-**P-B-***	18,2	8,2	5/8-20UNEF-2A	27,8	50	18,20	3,2	9,5	23,8
CA01COM-F14S-**P-B-***	24,6	11,1	3/4-20UNEF-2A	29,8	50	18,20	3,2	9,5	25,4
CA01COM-F16S-**P-B-***	27,4	14,3	7/8-20UNEF-2A	32,3	50	18,20	3,2	9,5	28,6
CA01COM-F16-**P-B-***	27,4	14,3	7/8-20UNEF-2A	32,3	57	23,05	3,2	9,5	28,6
CA01COM-F18-**P-B-***	30,8	16,7	1-20UNEF-2A	34,8	59	23,05	4,0	9,5	31,7
CA01COM-F20-**P-B-***	34,2	19,8	1-3/16-18UNEF-2A	37,8	59	23,05	4,0	9,5	34,9
CA01COM-F22-**P-B-***	37,4	19,8	1-3/16-18UNEF-2A	41,1	62	23,05	4,0	9,5	38,1
CA01COM-F24-**P-B-***	40,9	25,4	1-7/16-18UNEF-2A	44,6	62	23,05	4,0	9,5	41,3
CA01COM-F28-**P-B-***	46,7	27,0	1-7/16-18UNEF-2A	50,9	64	24,05	4,0	9,5	47,6
CA01COM-F32-**P-B-***	53,4	32,5	1-3/4-18UNS-2A	57,1	64	24,05	4,0	11,0	54,0
CA01COM-F36-**P-B-***	59,6	35,7	2-18UNS-2A	63,6	66	24,05	4,0	11,8	60,6

CA01COM-F with threaded coupling

CA01COM-F is a cable connecting plug for flex tube. It mates with plugs CA06COM and CA08COM



Part No. (pin insert*)	A	d1	d2 ¹⁾	d3	l1	l2	l3	l4	l5
	Thread	max		Thread	max	+ 0,4	± 0,3	min	± 0,2
CA01COM-F10SL-**P-***	5/8-24UNEF-2A	21,8	8,2	5/8-24UNEF-2A	45	14,2	2,8	9,5	16,2
CA01COM-F12S-**P-***	3/4-20UNEF-2A	25,0	8,2	5/8-20UNEF-2A	45	14,2	3,2	9,5	19,4
CA01COM-F14S-**P-***	7/8-20UNEF-2A	28,2	11,1	3/4-20UNEF-2A	45	14,2	3,2	9,5	22,5
CA01COM-F16S-**P-***	1-20UNEF-2A	31,4	14,3	7/8-20UNEF-2A	45	14,2	3,2	9,5	25,7
CA01COM-F16-**P-***	1-20UNEF-2A	31,4	14,3	7/8-20UNEF-2A	54	14,2	3,2	9,5	25,7
CA01COM-F18-**P-***	1-1/8-18UNEF-2A	34,5	16,7	1-20UNEF-2A	54	19,0	4,0	9,5	28,9
CA01COM-F20-**P-***	1-1/4-18UNEF-2A	37,3	19,8	1-3/16-18UNEF-2A	55	19,0	4,0	9,5	32,1
CA01COM-F22-**P-***	1-3/8-18UNEF-2A	40,9	19,8	1-3/16-18UNEF-2A	58	20,6	4,0	9,5	35,2
CA01COM-F24-**P-***	1-1/2-18UNEF-2A	43,8	25,4	1-7/16-18UNEF-2A	59	20,6	4,0	9,5	38,4
CA01COM-F28-**P-***	1-3/4-18UNEF-2A	50,4	27,0	1-7/16-18UNEF-2A	60	20,6	4,0	9,5	44,8
CA01COM-F32-**P-***	2-18UNS-2A	56,8	32,5	1-3/4-18UNS-2A	62	22,2	4,0	11,0	51,1
CA01COM-F36-**P-***	2-1/4-16UN-2A	63,1	35,7	2-18UNS-2A	64	22,2	4,0	11,8	57,5

*For socket inserts substitute "S" for "P" **Add contact arrangement number; see pages 11–15 *** Add modification code; see page 10 (bottom) ¹⁾max cable dia