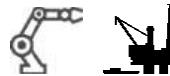


1F2 ADCC- for flexible and rigid conduit

Hazardous area cable glands



Suitable for the following cable types:

- Non-armoured cable in flexible conduit
- Non-armoured cable in rigid conduit

Certifications and compliances

- ATEX No. ITS 16ATEX18417X, INERIS 12ATEX0032X

Zones 1 and 2, Groups IIA, IIB and IIC

Zones 21 and 22, Groups IIIA, IIIB and IIIC

Ex II2GD / Ex db IIC / Ex eb IIC / Ex tb IIIC

- IECEx No. IECEx ITS 16.0027X, IECEx INE 12.0025X

Zones 1 and 2, Groups IIA, IIB and IIC

Zones 21 and 22, Groups IIIA, IIIB and IIIC

Ex db IIC / Ex eb IIC / Ex nRc IIC / Ex tb IIIC

Other certificates:

NEPSI GYJ18.1100X

SABS MS/18-0208X

Shipping applications:

ABS 14-HS1274083-PDA

DNV TAE000010X

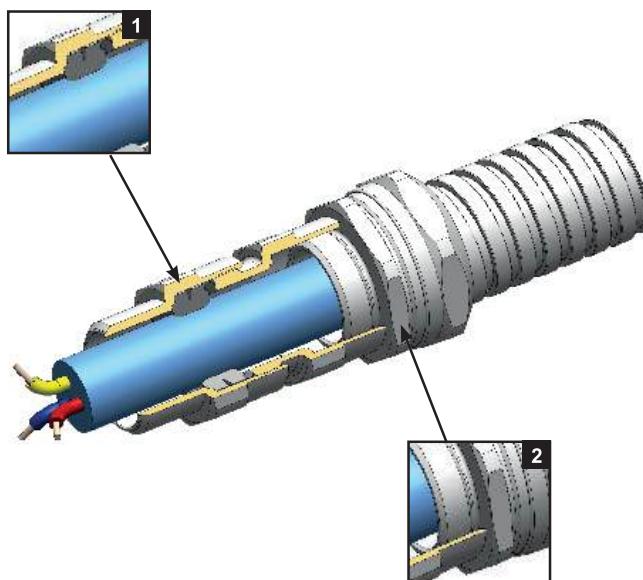
DTS-01:1991

Technical specification

- Nickel-plated brass for superior corrosion resistance. 316L stainless steel option available. It is recommended that a suitable lubricant is used on all threads of stainless steel versions.
- Temperature range: -60 °C to +140 °C
- IP66 / IP68 according to the method of attachment and the condition of the equipment area.

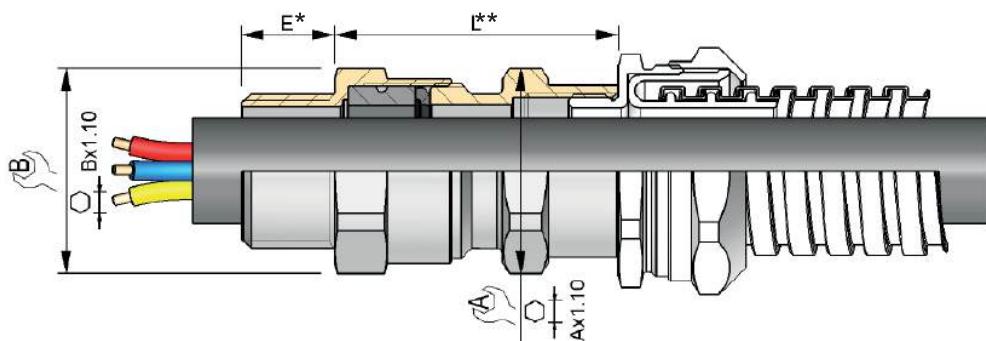
Features and benefits

- 1: Specifically formulated flameproof elastomer for IP sealing on outer sheath of cable
- 2: Female thread for flexible or rigid conduit - multiple female thread options available



1F2 ADCC- for flexible and rigid conduit

Hazardous area cable glands



* For 'E' see thread dimension page 5.18

** For 'L' dimensions see conduit gland dimension table on page 5.16

For 'across corners' dimensions, multiply 'across flats' dimensions by 1.1

CODES	SELECT	OPTION	SELECT	SELECT	SELECT	SELECT
K1	BLANK	Accessories kit 1				
		No option				
NPN	SSN	Nickel-plated brass				
		Stainless steel				
0 = XS	1 = S					
2 = M	3 = L					
ADCC = rigid connection						

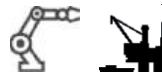
Code example: **ADCCM253M25NPN**
cable gland ADCC in nickel-plated brass, male
M25 x female M25, sealing range n°3

SERIES	MALE THREAD SIZE (ISO)		MALE THREAD SIZE (NPT)		CABLE SEALING RANGE ISO (NPT)	OUTER SHEATH MIN - MAX	FEMALE THREAD SIZE			DIMENSIONS		ADE GLAND SIZE
	THREAD SIZE	THREAD SIZE CODE	THREAD SIZE	THREAD SIZE CODE			ISO	NPT	BSPP	A	B	
ADCC	20	M20	1/2"	N050	0	2.8 - 5.5	M20	N050	G050	24.0	24.0	3
ADCC	20	M20	1/2"	N050	1	4.5 - 8.5	M20	N050	G050	24.0	24.0	4
ADCC	20	M20	1/2"	N050	2	7.0 - 12.0	M20	N050	G050	24.0	24.0	5
ADCC	20	M20	1/2"	N050	3	10.0 - 16.0 (15.5)	M20	N050	G050	24.0	24.0	6
ADCC	20	M20	1/2"	N050	3	10.0 - 16.0 (15.5)	M25	N075	G075	30.0	24.0	6
ADCC	25	M25	3/4"	N075	2	10.0 - 16.0	M25	N075	G075	30.0	30.0	6
ADCC	25	M25	3/4"	N075	3	13.5 - 20.5	M25	N075	G075	30.0	30.0	7
ADCC	25	M25	3/4"	N075	3	13.5 - 20.5	M32	N100	G100	41.0	30.0	7
ADCC	32	M32	1"	N100	2	13.5 - 20.5	M32	N100	G100	41.0	41.0	7
ADCC	32	M32	1"	N100	3	18.0 - 27.5 (26.0)	M32	N100	G100	41.0	41.0	8
ADCC	32	M32	1"	N100	3	18.0 - 27.5 (26.0)	M40	N125	G125	48.0	41.0	8
ADCC	40	M40	1 1/4"	N125	2	18.0 - 27.5	M40	N125	G125	48.0	48.0	8
ADCC	40	M40	1 1/4"	N125	3	23.0 - 34.0	M40	N125	G125	48.0	48.0	9
ADCC	40	M40	1 1/4"	N125	3	23.0 - 34.0	M50	N150	G150	55.0	48.0	9
ADCC	50	M50	1 1/2"	N150	1	23.0 - 34.0	M50	N150	G150	55.0	55.0	9
ADCC	50	M50	1 1/2"	N150	2	29.0 - 41.0	M50	N150	G150	55.0	55.0	10
ADCC	50	M50	-	-	3	35.0 - 45.0	M50	N150	G150	64.0	55.0	11
ADCC	50	M50	-	-	3	35.0 - 45.0	M63	N200	G200	72.0 (64.0)	55.0	11
ADCC	63	M63	2"	N200	2	35.0 - 48.0	M63	N200	G200	72.0 (64.0)	72.0	11
ADCC	63	M63	2"	N200	3	42.0 - 56.0 (53.0)	M63	N200	G200	72.0	72.0	12
ADCC	63	M63	2"	N200	3	42.0 - 56.0 (53.0)	M75	N250	G250	85.0	72.0	12
ADCC	75	M75	2 1/2"	N250	2	42.0 - 56.0	M75	N250	G250	85.0	85.0	12
ADCC	75	M75	2 1/2"	N250	3	50.0 - 65.0 (62.5)	M75	N250	G250	85.0	85.0	13
ADCC	75	M75	2 1/2"	N250	3	50.0 - 65.0 (62.5)	M90	N300	G300	95.0	95.0	13
ADCC	90	M90	3"	N300	2	58.0 - 74.0	M90	N300	G300	95.0	95.0	14
ADCC	90	M90	3"	N300	3	66.0 - 83.0 (78.0)	M90	N300	G300	110.0	110.0	15
ADCC	-	-	3 1/2"	N350	2	66.0 - 78.0	M90	N350	G350	110.0	110.0	15
ADCC	-	-	3 1/2"	N350	3	75.0 - 92.0	M110	N350	G350	120.0	120.0	16
ADCC	110	M110	-	-	2	75.0 - 93.0	M110	N350	G350	120.0	120.0	16
ADCC	110	M110	4"	N400	3	85.0 - 104.0	M110	N400	G400	135.0	135.0	17

All dimensions in mm.

1F2 ADCS - for rigid conduit

Hazardous area cable glands



Suitable for the following cable types:

- Non-armoured cable in rigid conduit

Certifications and compliances

- ATEX No. ITS 16ATEX18417X, INERIS 12ATEX0032X

Zones 1 and 2, Groups IIA, IIB and IIC

Zones 21 and 22, Groups IIIA, IIIB and IIIC

II 2G / Ex db IIC/ Ex eb IIC / Ex tb IIIC

- IECEx No. IECEx ITS 16.0027X, IECEx INE 12.0025X

Zones 1 and 2, Groups IIA, IIB and IIC

Zones 21 and 22, Groups IIIA, IIIB and IIIC

Ex db IIC / Ex eb IIC / Ex nRc IIC / Ex tb IIIC

Other certificates:

NEPSI GYJ18.1100X

SABS MS/18-0208X

Shipping applications:

ABS 14-HS1274083-PDA

DNV TAE000010X

DTS-01:1991

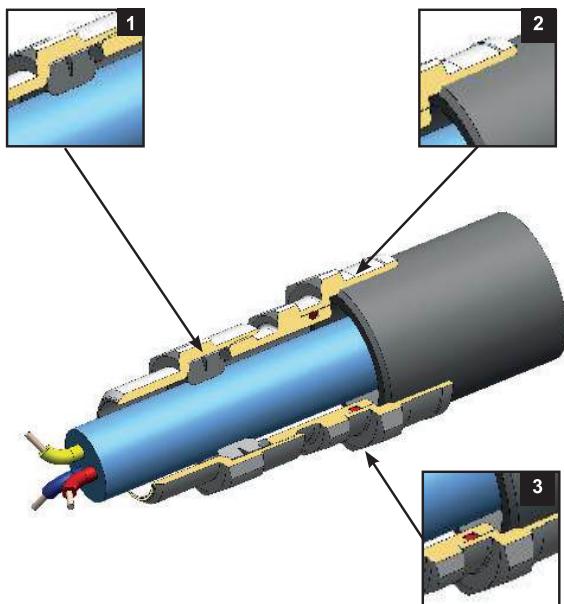


Technical specification

- Nickel-plated brass for superior corrosion resistance. 316L stainless steel option available. It is recommended that a suitable lubricant is used on all threads of stainless steel versions.
- Temperature range: -60 °C to +140 °C
- IP66 / IP68 according to the method of attachment and the condition of the equipment area.

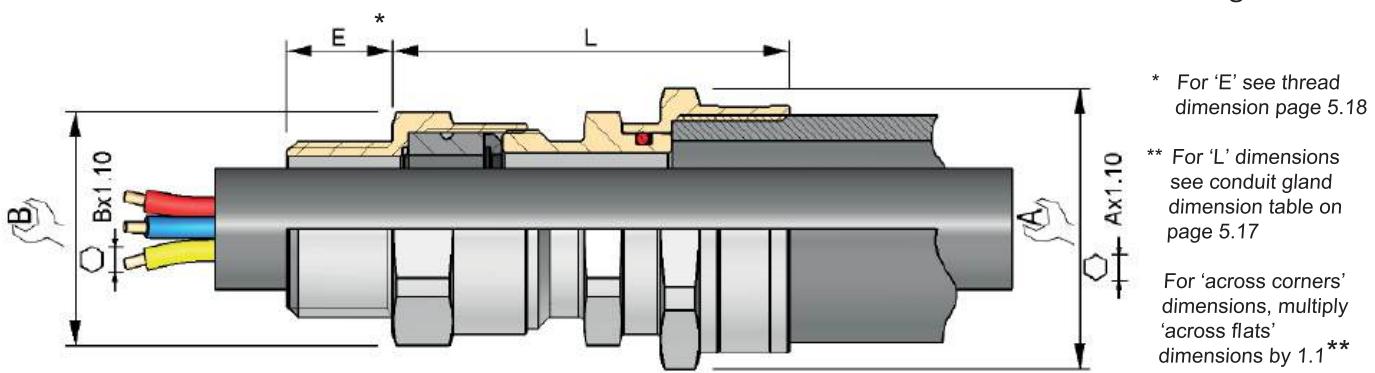
Features and benefits

- 1: Specifically formulated flameproof elastomer for IP sealing on outer sheath of cable
- 2: Female thread for rigid conduit- multiple female thread options available
- 3: Swivel connection providing easy installation for rigid conduit



1F2 ADCS - for rigid conduit

Hazardous area cable glands



* For 'E' see thread dimension page 5.18

** For 'L' dimensions
see conduit gland
dimension table on
page 5.17

For 'across corners' dimensions, multiply 'across flats' dimensions by 1.1 **

Code example: **ADCSM253M25NPN**
cable gland ADCS in nickel-plated brass, male
M25 x female M25, sealing range n°3

Series	Male Thread Size (ISO)		Male Thread Size (NPT)		Cable Sealing Range ISO (NPT)	Female Thread Size			Dimensions ISO (NPT)		Ade Gland Size
	Thread Size	Thread Size Code	Thread Size	Thread Size Code		Min - Max	ISO	NPT	BSPP	A	
ADCS	20	M20	1/2"	N050	0	2.8 - 5.5	M20	N050	G050	24.0 (27.0)	24.0
ADCS	20	M20	1/2"	N050	1	4.5 - 8.5	M20	N050	G050	24.0 (27.0)	24.0
ADCS	20	M20	1/2"	N050	2	7.0 - 12.0	M20	N050	G050	24.0 (27.0)	24.0
ADCS	20	M20	1/2"	N050	3	10.0 - 16.0 (15.5)	M20	N050	G050	24.0 (27.0)	24.0
ADCS	20	M20	1/2"	N050	3	10.0 - 16.0 (15.5)	M25	N075	G075	30.0	24.0
ADCS	25	M25	3/4"	N075	2	10.0 - 16.0	M25	N075	G075	30.0	30.0
ADCS	25	M25	3/4"	N075	3	13.5 - 20.5	M25	N075	G075	30.0	30.0
ADCS	25	M25	3/4"	N075	3	13.5 - 20.5	M32	N100	G100	36.0 (41.0)	30.0
ADCS	32	M32	1"	N100	2	13.5 - 20.5	M32	N100	G100	36.0 (41.0)	41.0
ADCS	32	M32	1"	N100	3	18.0 - 27.5 (26.0)	M32	N100	G100	41.0	41.0
ADCS	32	M32	1"	N100	3	18.0 - 27.5 (26.0)	M40	N125	G125	44.0 (48.0)	41.0
ADCS	40	M40	1 1/4"	N125	2	18.0 - 27.5	M40	N125	G125	44.0 (48.0)	48.0
ADCS	40	M40	1 1/4"	N125	3	23.0 - 34.0	M40	N125	G125	48.0	48.0
ADCS	40	M40	1 1/4"	N125	3	23.0 - 34.0	M50	N150	G150	55.0	48.0
ADCS	50	M50	1 1/2"	N150	1	23.0 - 34.0	M50	N150	G150	55.0	55.0
ADCS	50	M50	1 1/2"	N150	2	29.0 - 41.0	M50	N150	G150	55.0	55.0
ADCS	50	M50	-	-	3	35.0 - 45.0	M50	N150	G150	64.0	55.0
ADCS	50	M50	-	-	3	35.0 - 45.0	M63	N200	G200	67.0	55.0
ADCS	63	M63	2"	N200	2	35.0 - 48.0	M63	N200	G200	67.0	72.0
ADCS	63	M63	2"	N200	3	42.0 - 56.0 (53.0)	M63	N200	G200	72.0	72.0
ADCS	63	M63	2"	N200	3	42.0 - 56.0 (53.0)	M75	N250	G250	85.0	72.0
ADCS	75	M75	2 1/2"	N250	2	42.0 - 56.0	M75	N250	G250	85.0	85.0
ADCS	75	M75	2 1/2"	N250	3	50.0 - 65.0 (62.5)	M75	N250	G250	85.0	85.0
ADCS	75	M75	2 1/2"	N250	3	50.0 - 65.0 (62.5)	M90	N300	G300	95.0	95.0
ADCS	90	M90	3"	N300	2	58.0 - 74.0	M90	N300	G300	95.0	95.0
ADCS	90	M90	3"	N300	3	66.0 - 83.0 (78.0)	M90	N300	G300	110.0	110.0
ADCS	-	-	3 1/2"	N350	2	66.0 - 78.0	M90	N350	G350	110.0	110.0
ADCS	-	-	3 1/2"	N350	3	75.0 - 92.0	M110	N350	G350	120.0	120.0
ADCS	110	M110	-	-	2	75.0 - 93.0	M110	N350	G350	120.0	120.0
ADCS	110	M110	4"	N400	3	85.0 - 104.0	M110	N400	G400	135.0	135.0