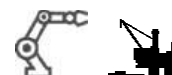


1F2 ADCC- for flexible and rigid conduit

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 certifications:

NEPSI GYJ18.1100X

SABS MS/18-0208X

Shipping applications:

ABS 14-HS1274083-PDA

DNV TAE000010X

DTS-01:1991



2G

2D

IP66

IP68

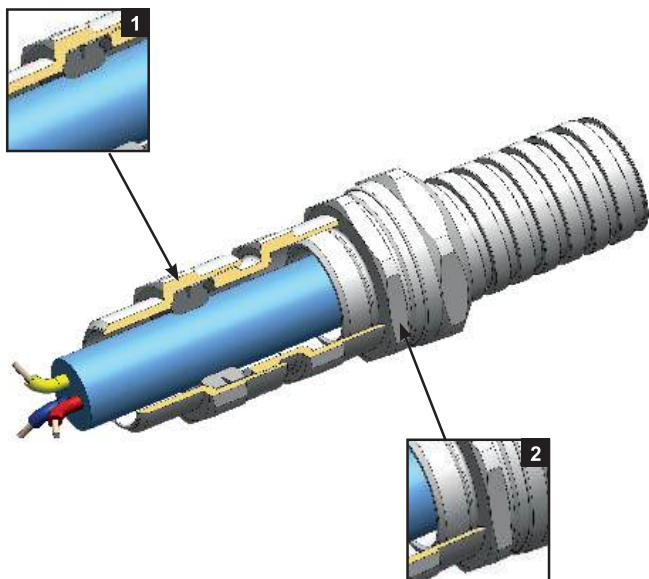
option
316L

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.

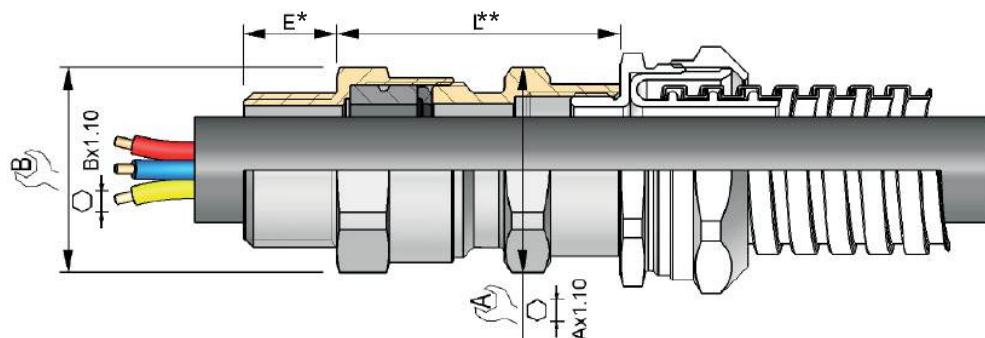
Features and benefits

- 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

SERIES	THREAD SIZE MALE	CABLE SEALING RANGE	THREAD SIZE FEMALE	MATERIAL	OPTION
ADCC	M25	3	M25	NPN	

CODES	
K1	Accessories kit 1
BLANK	No option

KIT OPTIONS	
K1	Kit 1 contents:
	• Locknut
	• Green composite washer

SELECT NPN Nickel-plated brass
SSN Stainless steel

SELECT 0 = XS
1 = S
2 = M
3 = L

SELECT ADCC = rigid connection

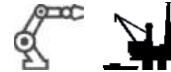
Code example: **ADCCM253M25NPN**
cable gland ADCC in nickel-plated brass, male
M25 x female M25, sealing range n°3

SERIES	MALE THREAD SIZE (ISO)		MALE THREAD SIZE (NPT)		CABLE SEALING RANGE	CABLE SEALING RANGE ISO (NPT)	OUTER SHEATH MIN - MAX	FEMALE THREAD SIZE			DIMENSIONS		ADE GLAND SIZE
	THREAD SIZE	THREAD CODE	THREAD SIZE	THREAD 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

II₂Ex / 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



2G

2D

IP66

IP68

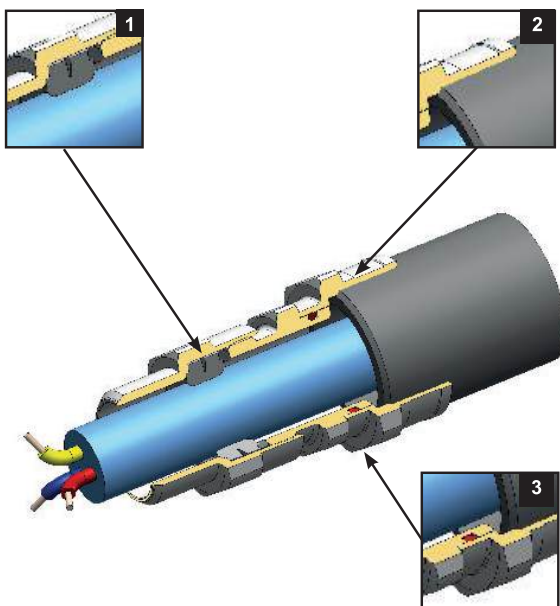
option 3

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.

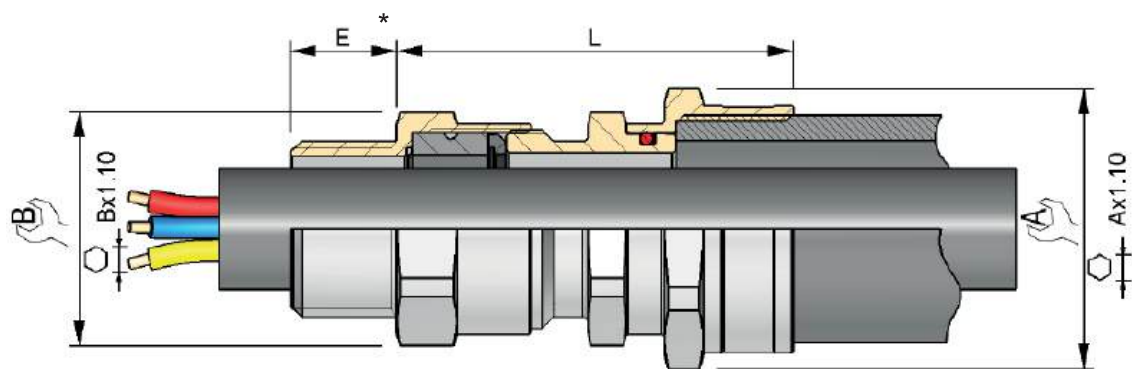
Features and benefits

- 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**

SERIES	THREAD SIZE MALE	CABLE SEALING RANGE	THREAD SIZE FEMALE	MATERIAL	OPTION
ADCS	M25	3	M25	NPN	

SELECT

CODES	
K1	Accessories kit 1
BLANK	No option

SELECT

NPN Nickel-plated brass
SSN Stainless steel

SELECT

0 = XS
1 = S
2 = M
3 = L

SELECT

ADCS = swivel connection

KIT OPTIONS	
K1	Kit 1 contents:
	• Locknut
	• Green composite washer

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	MIN - MAX	FEMALE THREAD SIZE			DIMENSIONS ISO (NPT)		ADE GLAND SIZE
	THREAD SIZE	THREAD SIZE CODE	THREAD SIZE	THREAD SIZE CODE			ISO	NPT	BSPP	A	B	
ADCS	20	M20	1/2"	N050	0	2.8 - 5.5	M20	N050	G050	24.0 (27.0)	24.0	3
ADCS	20	M20	1/2"	N050	1	4.5 - 8.5	M20	N050	G050	24.0 (27.0)	24.0	4
ADCS	20	M20	1/2"	N050	2	7.0 - 12.0	M20	N050	G050	24.0 (27.0)	24.0	5
ADCS	20	M20	1/2"	N050	3	10.0 - 18.0 (15.5)	M20	N050	G050	24.0 (27.0)	24.0	6
ADCS	20	M20	1/2"	N050	3	10.0 - 18.0 (15.5)	M25	N075	G075	30.0	24.0	6
ADCS	25	M25	3/4"	N075	2	10.0 - 16.0	M25	N075	G075	30.0	30.0	6
ADCS	25	M25	3/4"	N075	3	13.5 - 20.5	M25	N075	G075	30.0	30.0	7
ADCS	25	M25	3/4"	N075	3	13.5 - 20.5	M32	N100	G100	36.0 (41.0)	30.0	7
ADCS	32	M32	1"	N100	2	13.5 - 20.5	M32	N100	G100	36.0 (41.0)	41.0	7
ADCS	32	M32	1"	N100	3	18.0 - 27.5 (26.0)	M32	N100	G100	41.0	41.0	8
ADCS	32	M32	1"	N100	3	18.0 - 27.5 (26.0)	M40	N125	G125	44.0 (48.0)	41.0	8
ADCS	40	M40	1 1/4"	N125	2	18.0 - 27.5	M40	N125	G125	44.0 (48.0)	48.0	8
ADCS	40	M40	1 1/4"	N125	3	23.0 - 34.0	M40	N125	G125	48.0	48.0	9
ADCS	40	M40	1 1/4"	N125	3	23.0 - 34.0	M50	N150	G150	55.0	48.0	9
ADCS	50	M50	1 1/2"	N150	1	23.0 - 34.0	M50	N150	G150	55.0	55.0	9
ADCS	50	M50	1 1/2"	N150	2	29.0 - 41.0	M50	N150	G150	55.0	55.0	10
ADCS	50	M50	-	-	3	35.0 - 45.0	M50	N150	G150	64.0	55.0	11
ADCS	50	M50	-	-	3	35.0 - 45.0	M63	N200	G200	67.0	55.0	11
ADCS	63	M63	2"	N200	2	35.0 - 48.0	M63	N200	G200	67.0	72.0	11
ADCS	63	M63	2"	N200	3	42.0 - 56.0 (53.0)	M63	N200	G200	72.0	72.0	12
ADCS	63	M63	2"	N200	3	42.0 - 56.0 (53.0)	M75	N250	G250	85.0	72.0	12
ADCS	75	M75	2 1/2"	N250	2	42.0 - 56.0	M75	N250	G250	85.0	85.0	12
ADCS	75	M75	2 1/2"	N250	3	50.0 - 65.0 (62.5)	M75	N250	G250	85.0	85.0	13
ADCS	75	M75	2 1/2"	N250	3	50.0 - 65.0 (62.5)	M90	N300	G300	95.0	95.0	13
ADCS	90	M90	3"	N300	2	58.0 - 74.0	M90	N300	G300	95.0	95.0	14
ADCS	90	M90	3"	N300	3	66.0 - 83.0 (78.0)	M90	N300	G300	110.0	110.0	15
ADCS	-	-	3 1/2"	N350	2	66.0 - 78.0	M90	N350	G350	110.0	110.0	15
ADCS	-	-	3 1/2"	N350	3	75.0 - 92.0	M110	N350	G350	120.0	120.0	16
ADCS	110	M110	-	-	2	75.0 - 93.0	M110	N350	G350	120.0	120.0	16
ADCS	110	M110	4"	N400	3	85.0 - 104.0	M110	N400	G400	135.0	135.0	17