

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHT - By - ALL RIGHTS RESERVED.

PROJECT

PRJ-14-000004825

PART NO.

X-2312527-X

DESCRIPTION

M12 A-CODED M-5 CABLE GLAND CONNECTOR MALE

CUSTOMER

GENERAL MARKET

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A4	REVISED PER ECR-17-005478	14APR2017	KK	SE

Pos1

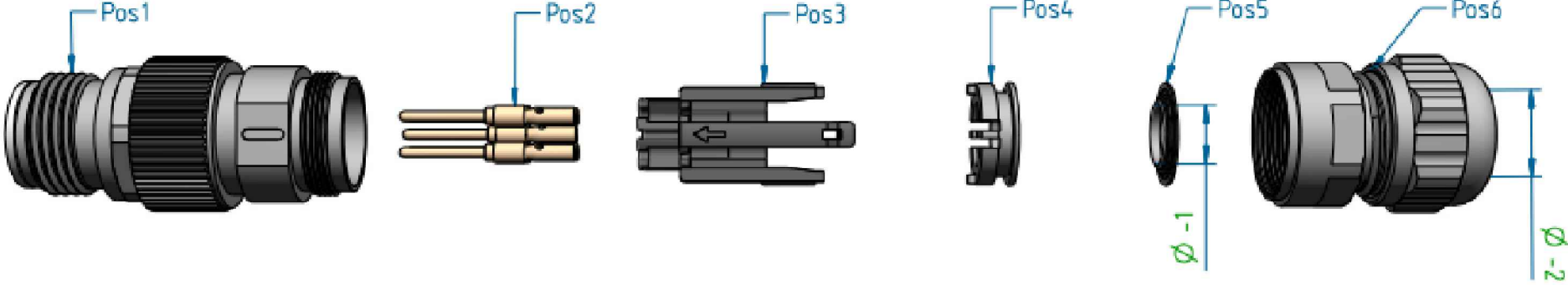
Pos2

Pos3

Pos4

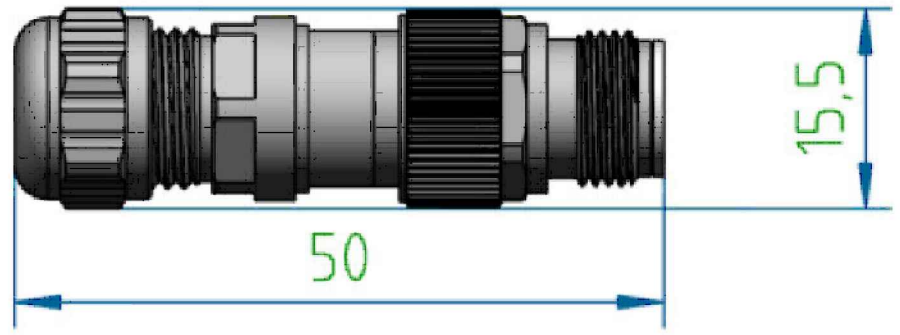
Pos5

Pos6

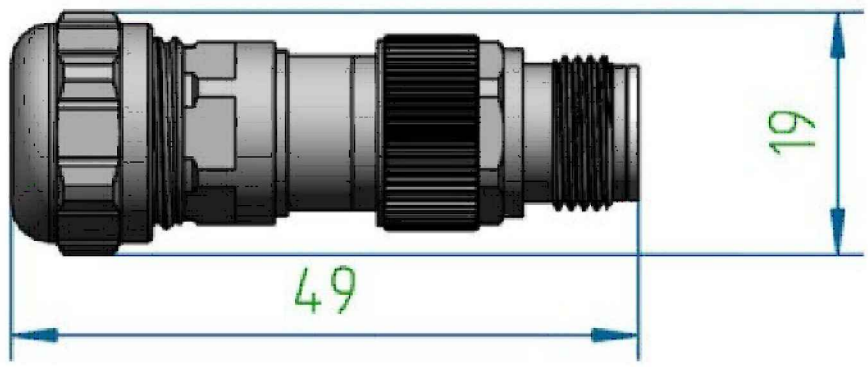
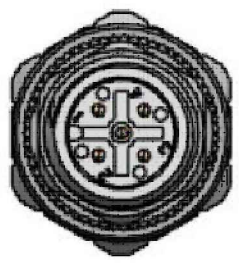


6	1	CABLE GLAND	Cu-ALLOY
5	1	DISC	Cu-ALLOY
4	1	DISC HEAD	Cu-ALLOY
3	1	CONTACT HOLDER	PA (THERMOPLAST)
2	-	ORDERED SEPARATELY	Cu-ALLOY GOLD-PLATED
1	1	FRONT HOUSING	Cu-ALLOY NICKEL-PLATED
SL. NO.	QTY	DESCRIPTION	MATERIAL

M12 A-CODED M-5 CABLE GLAND MALE CONNECTOR



M12 A-5 MALE CABLE CLAMP RANGE FROM 4-6.5 mm



M12 A-5 MALE CABLE CLAMP RANGE FROM 5.5-9 mm

SL. NO.	TE PART NO.	DESCRIPTION	CONTACTS	Ø-1	Ø-2
1	1-2312527-1	M12 A-CODED M-5 CABLE GLAND CONNECTOR MALE 4-6.5 mm	5	4-7 mm	4-6.5 mm
2	1-2312527-2	M12 A-CODED M-5 CABLE GLAND CONNECTOR MALE 5.5-9 mm	5	4-7 mm	5.5-9 mm

SHIELD DISC CHART		
PART NAME	CENTER HOLE SHIELD DISC	CABLE DIAMETER W/O OUTER SHEATH
SHIELD DISC 1	4 mm	3.9 mm MAX.
SHIELD DISC 2	5 mm	4.9 mm MAX.
SHIELD DISC 3	6 mm	5.9 mm MAX.
SHIELD DISC 4	7 mm	6.9 mm MAX.

CONTACTS TABLE					
M12 CODING	PIN/SOCKET	PICTURE	WIRE SIZE	TE P/N	DESCRIPTION
A5 CODING	PIN		AWG20	1-2314102-1	M12 CRIMP CONTACT PIN 1mm Au 0.8µm
			AWG22	1-2314102-2	M12 CRIMP CONTACT PIN 1mm Au 0.8µm

PLEASE NOTE: CONTACTS NEED TO BE ORDERED SEPARATELY DEPENDING ON THE AWG SIZES.

NOTES:

-ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY.

-PACKAGING: 1 PIECE IN A BAG.

-THE CONNECTOR IS AS PER IEC 61076-2-101.

-TEMPERATURE RANGE: -40°C TO 85°C.

-VIBRATION & SHOCK TEST CONDUCTED AS PER IEC 61373:1999.

-FIRE PERFORMANCE CONDUCTED AS PER EN45545-2, NFF16-101 AND NFF16-102.

-THE THREAD OF THE MATING INTERLACE WITH THE COUNTERPART IS M12x1

ACCORDING TO IEC61076-2-101.

-SUPPLIER RECOMMENDED CRIMP INSERT: SHOULD BE VALIDATED ON CABLE USED.

-SHIELD DISC 1 - 4 ARE SUPPLIED IN THE BOX.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DIN ISO 2768 m

MATERIAL

-

DWN

KIRAN_K

18NOV2016

CHK

KIRAN_K

18NOV2016

APVD

S_EGBERT

18NOV2016

PRODUCT SPEC

108-156001

APPLICATION SPEC

114-156002

WEIGHT

CUSTOMER DRAWING

TE Connectivity

M12 A-CODED M-5 CABLE GLAND CONNECTORS MALE

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=2312527

RESTRICTED TO

-

SCALE

NTS

SHEET

1 OF 1

REV

A4

ISO VIEW



1471-9 (1/15)

2312527