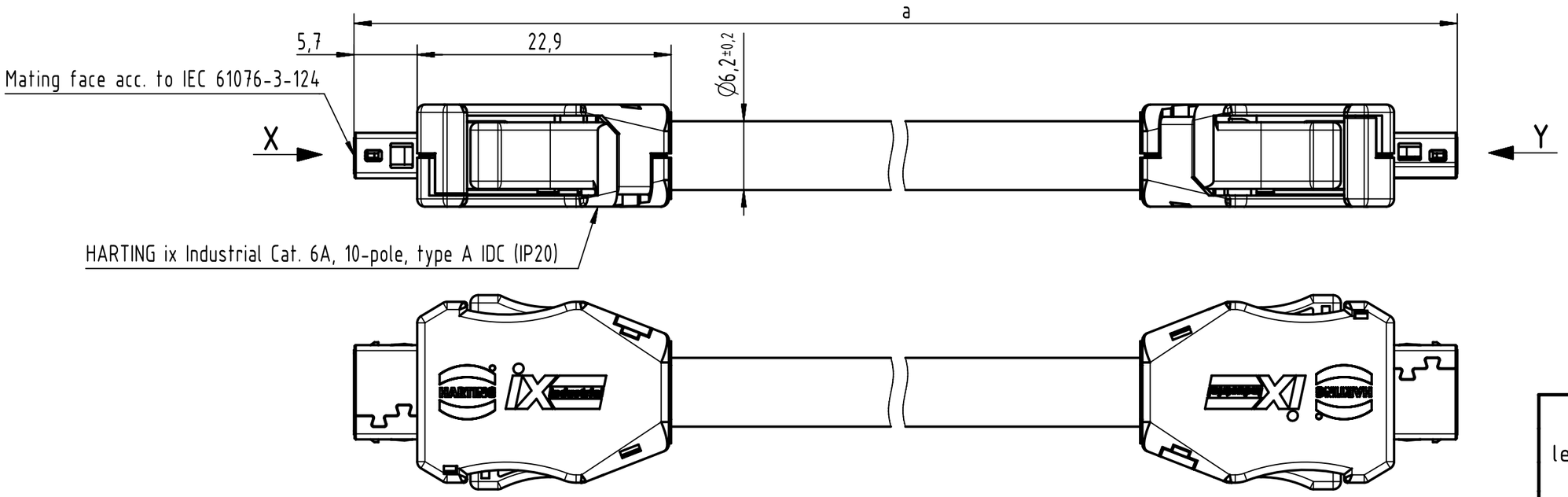
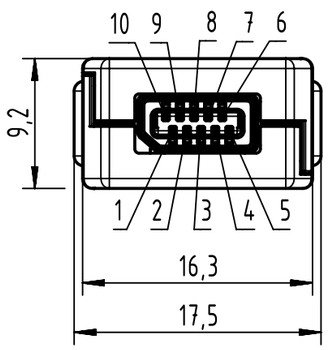
Connector Location A

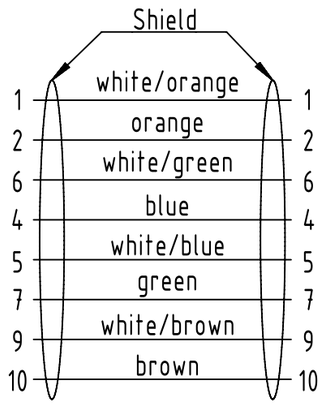
Connector Location B



X
male

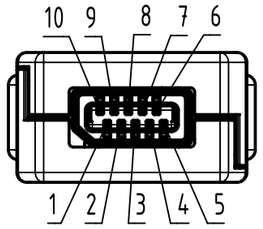


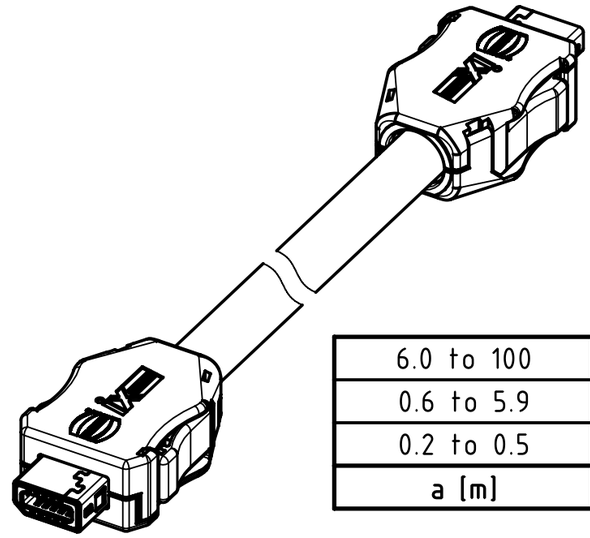
Loading Plan
acc. to TIA/EIA 568B



Contacts 3 and 8 are not connected on both sides

Y
male





- Contact material: copper alloy
- Contact area: Gold 0.2µm min.

Temperature range:
- Fixed installation: -20°C ... +60°C
- Dynamic installation: 0°C ... +50°C

NOTE:
For lengths < 1.0m:
- relative positioning of the connectors to each other will be as presented in the drawing, however with an admissible angular deviation around cable axis of ± 30°

For lengths ≥ 1.0m:
-relative positioning of the connectors to each other not obligatory

length in "1m" step		
	100	XXX=000
	99	XXX=990
	⋮	⋮
	12	XXX=120
	11	XXX=110
length in "0.1m" step	10	XXX=100
	9.9	XXX=099
	9.8	XXX=098
	⋮	⋮
	0.5	XXX=005
	0.4	XXX=004
	0.3	XXX=003
	0.2	XXX=002
Step	**a [m]**	**XXX**

a [m]	Tolerance
6.0 to 100	±1%
0.6 to 5.9	+0.04
0.2 to 0.5	+0.02

Type of cable	Part no.
Cat. 7 FRNC Ethernet Cable, AWG 26/7, S/FTP, yellow	33480101826XXX

All Dimensions in mm | Tech. Character. | Free size tol. | According to production drawing

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Department HCS - RO

HARTING Customised Solutions
D-32339 Espelkamp

Created by	Inspected by	Standardisation	Date	State
COSTEA Costea	402676 Gross	MUNTEANV Muntean	2021-10-29	Final Release

Title: ix Industrial Cat.6A FRNC yellow

Doc-Key / ECM-Nr.: 100882410/UGD/000/D 500000204137

Type: TB | Number: 33480101826XXX | Rev.: D | Page: 1/1

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