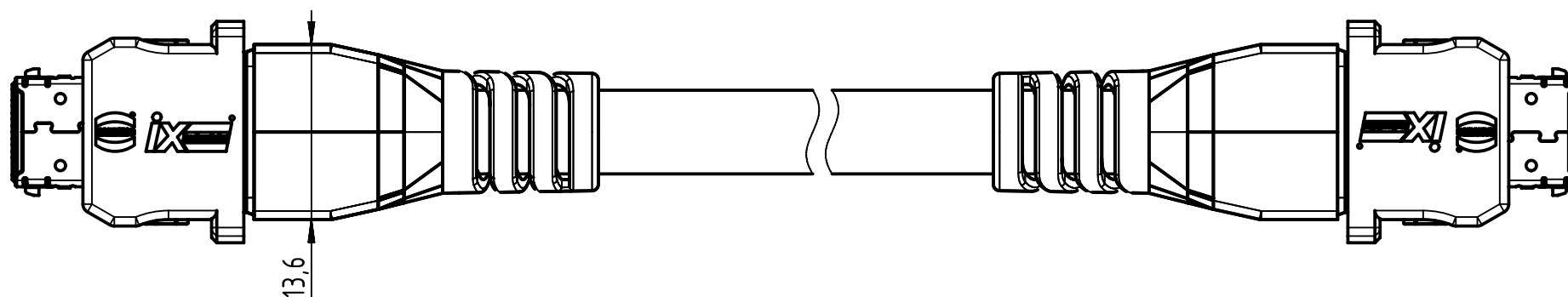
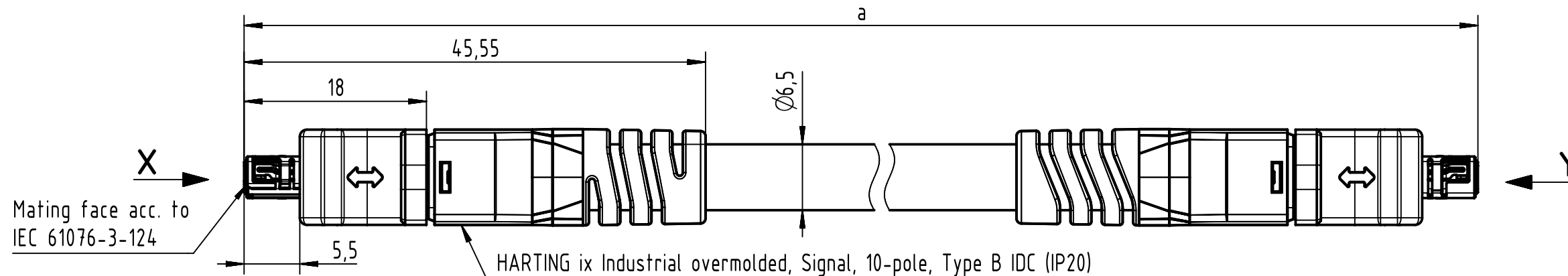
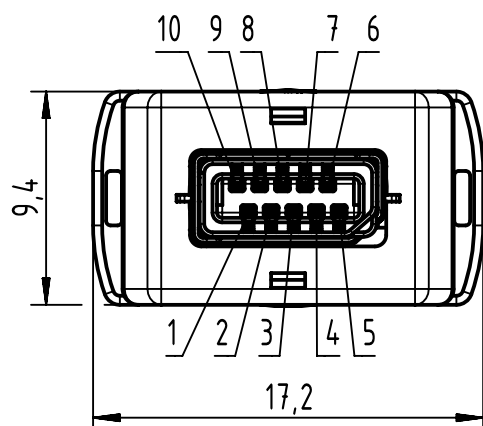


# Connector Location A

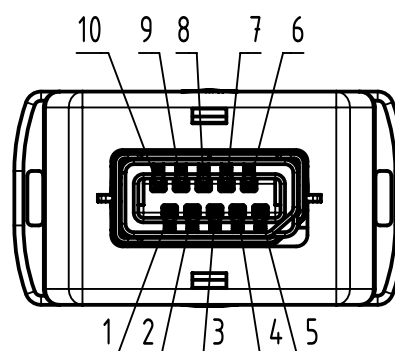
# Connector Location B



**X**  
male



**Y**  
male



| Shield |        |    |
|--------|--------|----|
| 1      | white  | 1  |
| 2      | brown  | 2  |
| 3      | green  | 3  |
| 4      | yellow | 4  |
| 5      | grey   | 5  |
| 6      | pink   | 6  |
| 7      | blue   | 7  |
| 8      | red    | 8  |
| 9      | black  | 9  |
| 10     | violet | 10 |

Temperature range:  
- Fixed installation: -40°C ... +80°C  
- Dynamic installation: -5°C ... +80°C

- Contact material: copper alloy
- Contact area: min 0,05µm Au over min. 0,64µm PdNi

## 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

\* Cat.6A 10 Gbit/s Ethernet transmission possible for lengths up to 45m

|                       |       |         |
|-----------------------|-------|---------|
| 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     |

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

Helu Signal PUR cable  
10x0.14mm<sup>2</sup>, grey

33483232A21XXX

Type of cable

Part no.

|                              |  |                                 |  |                            |  |                                                    |  |
|------------------------------|--|---------------------------------|--|----------------------------|--|----------------------------------------------------|--|
| All Dimensions in mm         |  | Tech. Character.                |  | Free size tol.             |  | According to production drawing                    |  |
| All rights reserved          |  | Created by STOCHECIC Stocheci   |  | Inspected by COSTEA Costea |  | Standardisation BANCIUD Banciu                     |  |
| Department HCS - RO          |  | Title ix Type B OM 10xAWG26 PUR |  | Date 2023-09-29            |  | State Final Release                                |  |
| HARTING Customised Solutions |  | Type TB                         |  | Number 33483232A21XXX      |  | Doc-Key / ECM-Nr. 101080071/UGD/000/A 500000254504 |  |
| D-32339 Espelkamp            |  |                                 |  |                            |  | Rev. A                                             |  |
|                              |  |                                 |  |                            |  | Page 1/1                                           |  |