

Connector Location A

Connector Location B

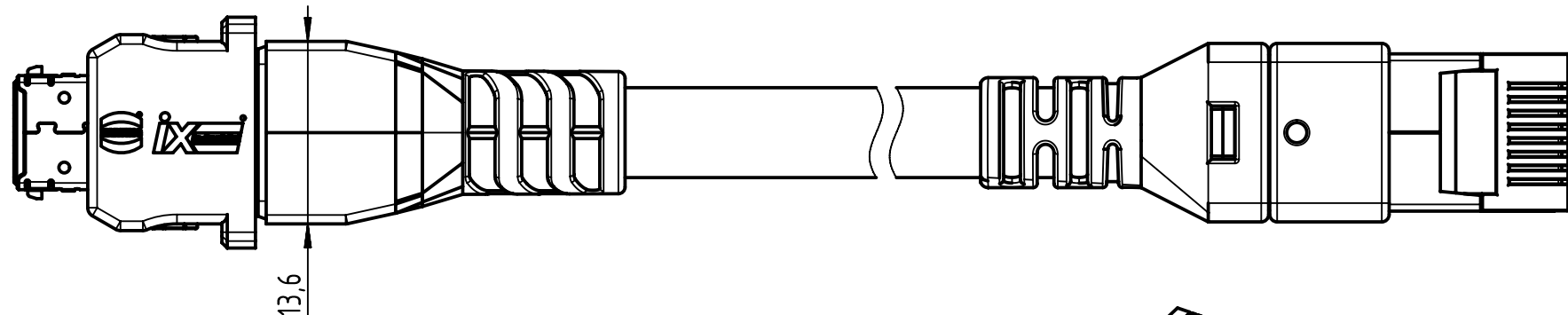
X
Mating face acc. to
IEC 61076-3-124

Y
Mating face RJ45
acc. to IEC 60603-7

HARTING ix Industrial overmolded
Cat. 6A, 10-pole, Type A IDC (IP20)

IP20 RJ45 DualBoot,
Cat. 6A, 8-pole

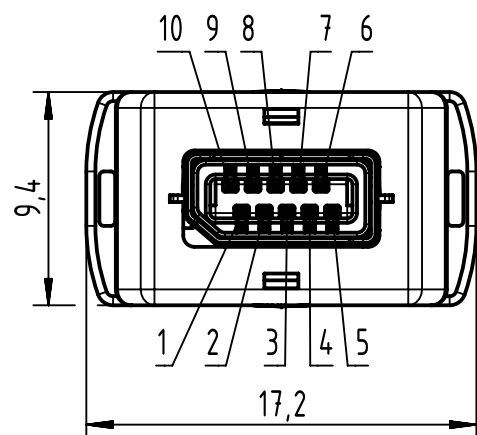
Black overmolded body
Yellow protection latch
with HARTING logo



X
male

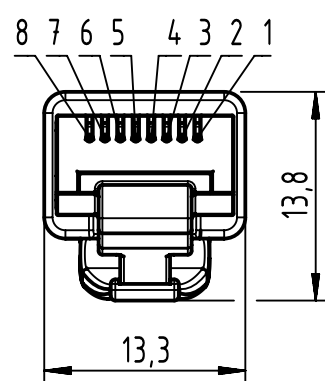
Loading Plan
acc. to TIA/EIA 568B

Y
male



Contacts 3 and 8
are not connected

Shield		
1	white/orange	1
2	orange	2
6	white/green	3
4	blue	4
5	white/blue	5
7	green	6
9	white/brown	7
10	brown	8



Temperature range:
- Fixed installation: -40°C ... +80°C
- Dynamic installation: -30°C ... +70°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

HARTING IE Cat.6A
4x2xAWG 26/7 PUR yellow

33483147804XXX

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	Date 2023-09-29	State Final Release	
	Department HCS - RO	Title ix Type A OM - DB RJ45 Cat.6A PUR				Doc-Key / ECM-Nr. 101079662/UGD/000/A 500000254504	
HARTING Customised Solutions D-32339 Espelkamp		Type TB	Number 33483147804XXX			Rev. A	Page 1/1