

Connector Location A

Connector Location B

Mating face RJ45
acc. to IEC 60603-7

X

approx. 85

Ø6,6

approx. 45

Black overmolded body

Mating face RJ45
acc. to IEC 60603-7

Y

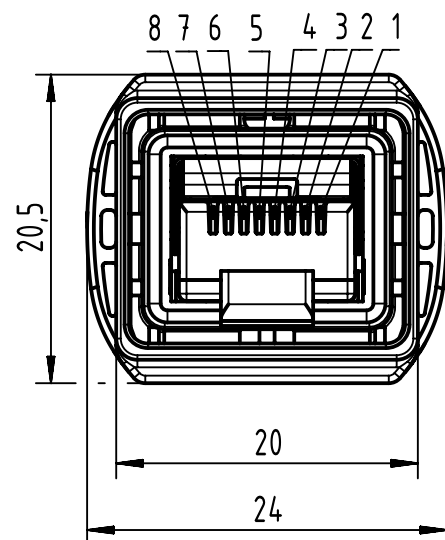
HARTING PushPull V4 2.0, RJ45 Gigalink,
Cat. 6A, 8-pole overmolded (IP65/67)

Locking technology acc. to
IEC 61076-3-106, variant 4

IP20 RJ45 DualBoot Cat. 6A, 8-pole

Yellow protection latch
with HARTING logo

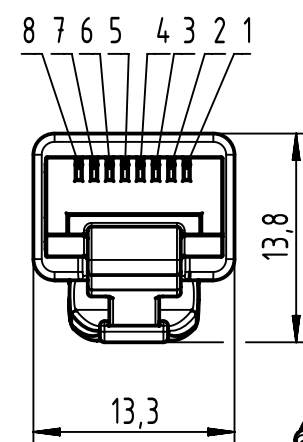
X
male



Loading Plan
acc. to TIA/EIA 568B

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

Y
male



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

Temperature range:

- Fixed installation: -20°C ... +80°C

- Dynamic installation: -20°C ... +80°C

6.0 to 100

±1%

0.6 to 5.9

+0.04

0.2 to 0.5

+0.02

a [m]

Tolerance

length
in
"1m"
step

100

XXX=000

99

XXX=990

12

XXX=120

11

XXX=110

10

XXX=100

9.9

XXX=099

9.8

XXX=098

length
in
"0.1m"
step

0.5

XXX=005

0.4

XXX=004

0.3

XXX=003

0.2

XXX=002

Step

a [m]

XXX

HARTING outd. Cat.6A
4x2xAWG 26/7 PVC black

09482847758XXX

Type of cable

Part no.

All Dimensions in mm		Tech. Character.		Free size tol.		According to production drawing	
All rights reserved		Created by 405181 Hadar		Inspected by 402676 Gross		Standardisation COSTEA Costea	
Department HCS - RO		Date 2021-11-12		State Final Release		Doc-Key / ECM-Nr. 100696543/UGD/001/F 500000205993	
HARTING Customised Solutions D-32339 Espelkamp		Title PPV4 2.0 RJ45 - RJ45 IP20 Cat6A out		Type TB		Number 09482847758XXX	
				Rev. F		Page 1/1	

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