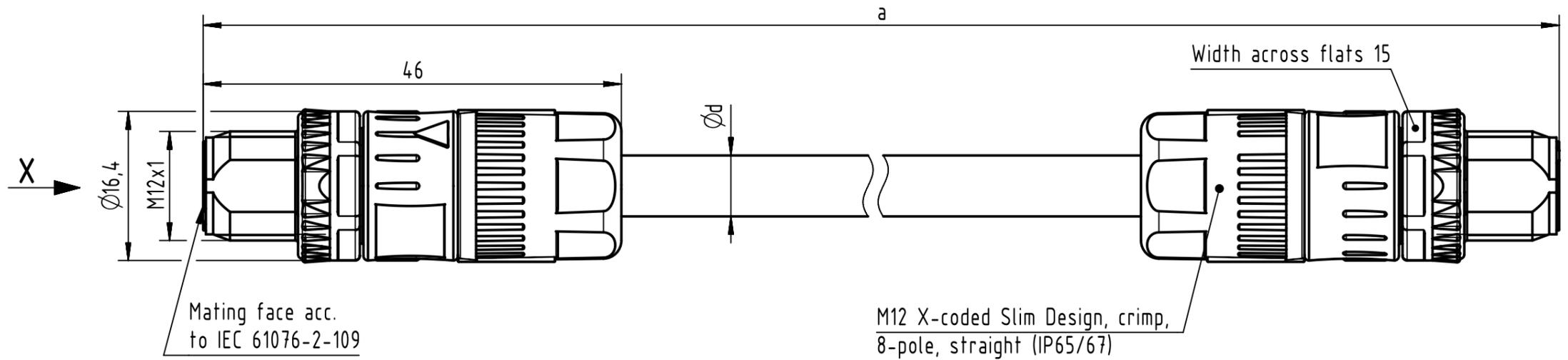


Connector Location A

Connector Location B



M12 X-coded Slim Design, crimp, 8-pole, straight (IP65/67)

Mating face acc. to IEC 61076-2-109

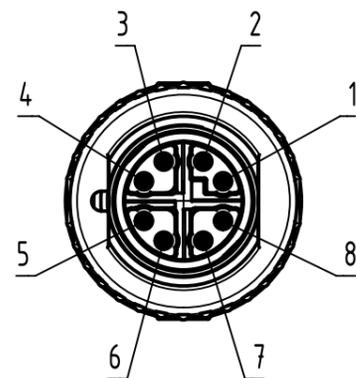
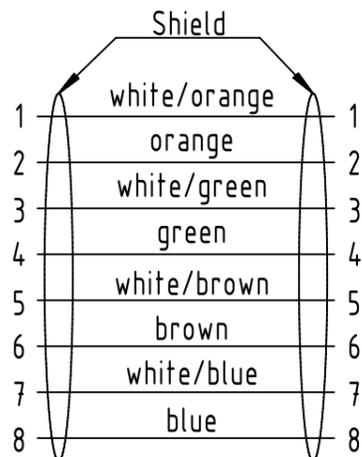
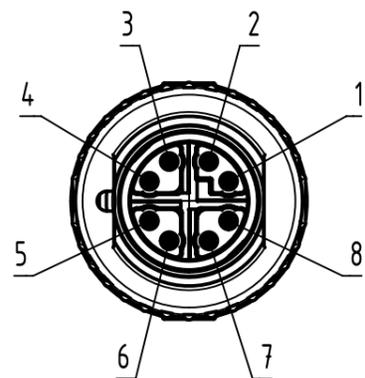
length in "1m" step	100	XXX=000
	99	XXX=990
	12	XXX=120
	11	XXX=110
length in "0.1m" step	10	XXX=100
	9.9	XXX=099
	9.8	XXX=098
	0.5	XXX=005
	0.4	XXX=004
	0.3	XXX=003
0.2	XXX=002	
Step	a [m]	XXX

NOTE:
* Cat.6A 10 Gbit/s Ethernet transmission possible for lengths up to 45m only for cables with AWG 26/7 (pos. XX=10 and XX=50) from the table

X male

Loading Plan acc. to TIA/EIA 568B

Y male



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

Part no.	213301018XXXX
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Dim d [mm]	Type of cable	Temp.	XX
6.7	HARTING IE Cat.6A 4x2xAWG 26/7 PUR yellow	-40°C ... +80°C	XX=10
6.4	HARTING IE Cat.7A 4x2xAWG 26/7 PUR yellow	-40°C ... +70°C	XX=50
8.1	Ha-Vis EtherRail 4x2xAWG 24/7 CAT7 black	-40°C ... +80°C	XX=53

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

All Dimensions in mm

Tech. Character. Free size tol. According to production drawing

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Department HCS - GPM

Created by BANIUD Banciu
Inspected by COSTEA Costea
Standardisation BANIUD Banciu
Date 2025-03-28
State Final Release

HARTING Customised Solutions
D-32339 Espelkamp

Title M12 X-coded Cable Assembly
Type TB
Number 213301018XXXX

Doc-Key / ECM-Nr. 100542214/UGD/004/H 50000282945
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