DATASHEET



A-K8P-M12-S-G-5M-GY-1-X-A-4

- 5.0
- Pre-wired cable
- 8-pole

Data

Ordering data

Product type description	A-K8P-M12-S-G-5M-GY-1-X-A-4
Article number (order number)	103011412
EAN (European Article Number)	4030661477480
eCl@ss number, version 12.0	27-06-03-11
eCl@ss number, version 11.0	27-06-03-11
eCl@ss number, version 9.0	27-06-03-11
ETIM number, version 7.0	EC001855
ETIM number, version 6.0	EC001855

Approvals - Standards

Certificates	cULus

General data

Standards	EN IEC 61076-2-101
Gross weight	296 g

General data - Features

Halogen free	Yes (1)
Cable drag chain suitable	Yes (1)
Number of cable wires	8

Mechanical data

Tightening torque, maximum	1 Nm

Mechanical data - Connection technique

Length of cable	5 m
Wire cross-section	0.25 mm^2
Cable diameter	6.2 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Colour of the Cable mantle	Grey
Material of the Cable mantle	PVC

Mechanical data - connector side A

Connector typ	Female connector, M12
Design	straight
Connector coding	A
Connector latching	Screw locking
Material of the gland	Metal, CuZn, nickel-plated
Material of the handle	Plastic, TPU
Colour of the handle	Black

Ambient conditions

Degree of protection	IP65 IP67 IP69
Ambient temperature (Connector)	-30 ... +90 °C
Ambient temperature (fixed)	-25 ... +80 °C

Ambient temperature (moved)	+0 ... +80 °C

Electrical data

Thermal test current	2 A
Rated operating voltage	30 VAC
Rated operating voltage	30 VDC
Operating current	2,000 mA

Pin assignment

PIN 1	White
PIN 2	Brown
PIN 3	green
PIN 4	yellow
PIN 5	Grey
PIN 6	Pink
PIN 7	Blue
PIN 8	red

Ordering code

Product type description:
(1)-(2)-(3)-(4)-(5)-(6)-(7)-(8)-(9)-(10)-(11)-(12)-(13)-(14)

(1)

A	Pre-wired cable
AHT	Pre-wired cable high temperature
AIE	Pre-wired cable Industrial Ethernet
V	Interconnector
VIE	Interconnector Industrial Ethernet
S	Connector without cable

(2)a

K	female connector

KK	Female plug - female plug
S	Male connector
SS	Connector - connector
SK	Connector - female plug

(2)b

3P	3-pole
4P	4-pole
5P	5-pole
6P	6-pole
7P	7-pole
8P	8-pole
9P	9-pole
10P	10-pole
11P	11-pole
12P	12-pole
23P	23-pole
2P+PE	2 pole + PE
3P+PE	3 pole + PE

(3)

M8	M8 / round 8 mm
M12	M12
M18	M18
M23	M23
DIN43650	DIN 43650

(4)

R	Latching interlocking
S	Screw locking

(5)

G	straight
W	angled

(6)

X	without
0.3M	0,3 m
0,5M	0,5 m
1M	1 m
1.5 m	1.5 m
2M	2 m
2.5M	2.5 m
3M	3 m
5M	5 m
10M	10 m
15M	15 m
20M	20 m

(7)

X	without
BK	Black
GY	Grey
OG	Orange
WH	White

(8)

X	-
1	PVC
2	PUR
3	Rubber
4	Silicone
5	PTFE

(9)

X	Neutral
1LP	1x LED - PNP
2LP	2x LED - PNP

3LP	3x LED - PNP

(10)

X	without
A	A-coding
B	B-Coding

(11)

1	without
2	UL
3	CSA
4	USA/CAN

(12)

69	IP69K

(13)

VA	Material, thread/knurled nut, stainless steel (VA)

(14)

075	0.75 mm² cable section

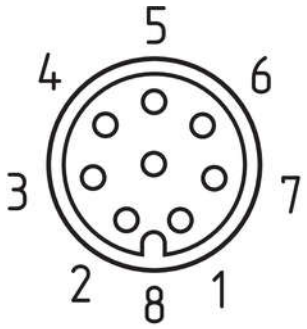
Pictures

Product picture (catalogue individual photo)



ID: k1208f04
| 158.0 kB | .jpg | 352.778 x 235.303 mm - 1000 x 667 px - 72 dpi
| 19.5 kB | .png | 74.083 x 49.389 mm - 210 x 140 px - 72 dpi
| 22.4 kB | .jpg | 123.472 x 82.197 mm - 350 x 233 px - 72 dpi

Contact arrangement



ID: km23-k8a
| 18.0 kB | .cdr |
| 5.5 kB | .png | 73.731 x 79.728 mm - 209 x 226 px - 72 dpi
| 155.6 kB | .jpg | 352.778 x 380.647 mm - 1000 x 1079 px - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.
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