

## Datasheet - A-K8P-M12-S-G-10M-GY-1-X-A-4

Connector / Connector M12 / A-K8M12



- 10 m
- Pre-wired cable
- 8-pole

(Minor differences between the printed image and the original product may exist!)

### Ordering details

Product type description	A-K8P-M12-S-G-10M-GY-1-X-A-4
Article number	103011413
EAN code	4030661477497
eCl@ss	

### Approval

Approval



### Global Properties

Product name	Anschlussleitung A-K8M12
Versions	Pre-wired cable
Materials	
- Material of the housings	
- Material of the cable mantle	PVC
Connector	female connector
Design	straight
Colouring	
- Handle	Black
- Cable colour	Grey
- Core identification	Color code DIN47100
Cable type	
Weight	
Coding	A
Trailing-chain-compatible	limited

### Mechanical data

termination	M12
Bolting device	Screw locking
Cable length	10.0 m
Conductors	8 x 0,25 mm <sup>2</sup>
Recommended tightening torque	1.0 Nm

### Ambient conditions

Ambient temperature	
-	0 °C ... +80 °C
-	-25 °C ... +80
Protection class	IP67

### Electrical data

Number of poles	8 piece
Number of cores	8 piece
Rated operating voltage U <sub>e</sub>	30 V
Operating current I <sub>e</sub>	2 A

### LED switching conditions display

LED switching conditions display (Y/N)	No
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### Pin assignment




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

### Ordering code

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

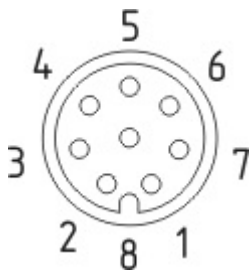
<b>notice</b>	<b>Not all variations can be supplied. The available order code used to convert the product part name.</b>
<b>(1)</b>	<b>cable</b>
<b>A</b>	Pre-wired cable
<b>V</b>	Interconnector
<b>S</b>	Connector without cable
<b>(2)a</b>	<b>Connector</b>
<b>K</b>	female connector
<b>KK</b>	female connector - female connector
<b>S</b>	male connector
<b>SS</b>	male connector - male connector
<b>SK</b>	male connector - female connector
<b>(2)b</b>	<b>Number of poles</b>
<b>3P</b>	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
<b>(3)</b>	<b>termination</b>
M8	M8 / round 8 mm
M12	M12
M18	M18
M23	M23
DIN43650	DIN 43650
<b>(4)</b>	<b>Bolting device</b>
R	Latching interlocking
S	Screw locking
<b>(5)</b>	<b>Design</b>
G	straight
W	angled
<b>(6)</b>	<b>Cable length</b>
X	without
0.3M	0,3 m
0,5M	0,5 m
1M	1 m
1.5M	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
<b>(7)</b>	<b>Cable colour</b>
X	without
BK	Black
GY	Grey
OG	Orange
<b>(8)</b>	<b>Material of the cable</b>
X	-
1	PVC
2	PUR
3	rubber
4	Silicone
<b>(9)</b>	<b>Miscellaneous</b>
X	Neutral
1LP	1x LED - PNP
2LP	2x LED - PNP
3LP	3x LED - PNP

<b>(10)</b>		<b>Coding</b>
<b>X</b>		without
<b>A</b>		A-Coding
<b>B</b>		B-Coding
<b>(11)</b>		<b>Approval</b>
<b>1</b>		without
<b>2</b>		 UL
<b>3</b>		 CSA
<b>4</b>		 USA/CAN
<b>(12)</b>		<b>Protection class</b>
<b>69</b>		IP69K
<b>(13)</b>		
<b>VA</b>		Material thread / Knurled nut Stainless steel (VA)
<b>(14)</b>		
<b>075</b>		0,75 mm <sup>2</sup> Cable section

## Images

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Contact arrangement

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The data and values have been checked thoroughly. Technical modifications and errors excepted.

Generiert am 20.07.2017 - 21:42:31h Kasbase 3.2.7.F.64l