

## Datasheet - A-K8+1P-M23-S-G-10M-BK-1-X-X-4

Connector / Connector M23 / A-K9M23


 Preferred typ


- Pre-wired cable
- 8+1-pole

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

### Ordering details

Product type description	A-K8+1P-M23-S-G-10M-BK-1-X-X-4
Article number	101209958
EAN code	4030661384740

### Global Properties

Product name	Anschlussleitung A-K9M23
Versions	Pre-wired cable
Materials	
- Material of the housings	Metal film
- Material of the cable mantle	
Connector	female connector
Design	straight
Colouring	
- Enclosure color	Chromium-plated
- Cable colour	Black
Cable type	LiYY
Weight	1141 g
Coding	

### Mechanical data

termination	M23
Bolting device	Screw locking
Cable length	10 m
Conductors	8 x 0,75 mm <sup>2</sup>

## Ambient conditions

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Protection class IP67

## Electrical data

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Number of poles 8 piece + 1P  
Number of cores 8 piece  
Rated operating voltage  $U_e$   
Operating current  $I_e$

## LED switching conditions display

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LED switching conditions display (Y/N) No

## Pin assignment

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1	A1 $U_e$
2	X1 Safety input 1
3	A2 GND
4	Y1 Safety output 1
5	OUT Diagnostic output
6	X2 Safety input 2
7	Y2 Safety output 2
8	IN Solenoid control
9	Not used




## Ordering code

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

### notice

<b>(1)</b>	<b>cable</b>
A	Pre-wired cable
V	Interconnector
S	Connector without cable
<b>(2)a</b>	<b>Connector</b>
K	female connector
KK	female connector - female connector
S	male connector
SS	male connector - male connector
SK	male connector - female connector
<b>(2)b</b>	<b>Number of poles</b>
1P	1-pole
2P	2-pole
3P	3-pole
4P	4-pole
5P	5-pole
6P	6-pole
7P	7-pole
8P	8-pole
...	...

<b>(3)</b>	<b>termination</b>
M6.5	round 6.5 mm
M8	M8 / round 8 mm
M12	M12
M18	M18
M23	M23
DIN43650	DIN 43650
TUCHEL	TUCHEL
<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
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>
X	without
A	A-Coding
B	B-Coding
<b>(11)</b>	<b>Approval</b>
1	without
2	 UL
3	 CSA
4	 USA/CAN

## Documents

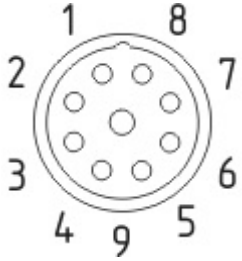
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**Mounting and wiring instructions** (de, en, fr) 42 kB, 23.07.2009

Code: m\_ak9p02

## Images

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Contact arrangement

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

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