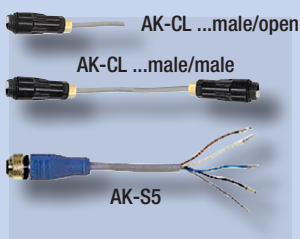


1. **DOSA*Sens* Connection cables AK**

Connection cables for amperometric sensors



Product description:

- Signal-transmitting cable
- with male or female thread
- Easy connection
- Available with cable lengths ranging from 0.5 to 15 m (other lengths available on request)
- Tested by the manufacturer
- IP 68 rating for M12 plugs

Areas of application:

- Amperometric sensors

Scope of supply:

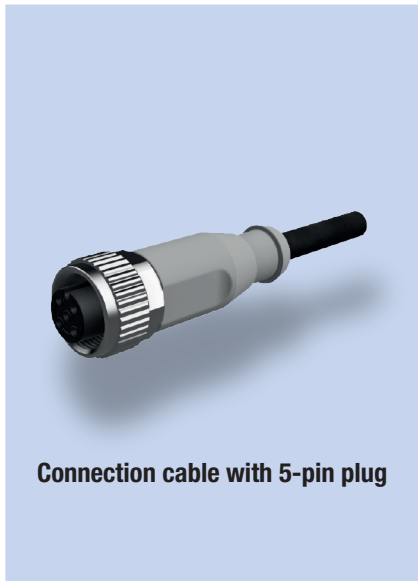
- **DOSA*Sens* Connection cables AK**

Ordering data:

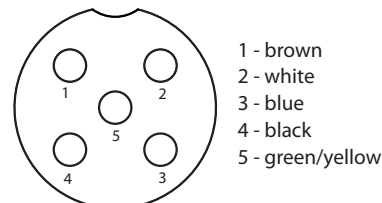
Model:	Length m:	Number of poles:	Item No.:
AK-CL0.5 male/open	0.5	4	3188052
AK-CL1 male/open	1.0		3188053
AK-CL2 male/open	2.0		3188054
AK-CL3 male/open	3.0		3188055
AK-CL5 male/open	5.0		3188056
AK-CL10 male/open	10.0		3188057
AK-CL15 male/open	15.0		3188058
AK-CL30 male/open	30.0		3188059
AK-CL25 male/open	25.0		3188060
AK-CL0,5 male/male	0.5		3188062
AK-CL1 male/male	1.0		3188063
AK-CL2 male/male	2.0		3188064
AK-CL3 male/male	3.0		3188065
AK-CL5 male/male	5.0		3188066
AK-CL10 male/male	10.0		3188067
AK-CL15 male/male	15.0		3188068
AK-S5-5 for KCL-Sensors	5.0		3331010
AK-CL 2, Modbus / mA, male/open (M12 plug)	2.0		31107000
AK-CL 5, Modbus / mA, male/open (M12 plug)	5.0		31107001
AK-CL 10, Modbus / mA, male/open (M12 plug)	10.0		31107002

Subject to technical modifications and printing errors. Images may vary slightly from actual product
Nov. 2022

2. **DOSA*Sens* Connection cables M12**



Cable sheath	TPU (polyurethane)
Handle	TPU
Union nut	GD-Zn, Ni
Protection rating	IP67 if screwed down



Model:	Length:		No. of poles:	Item number:
AK-CL M12	0.7 m	male/open	5	31121000
AK-CL M12	1.0 m	male/open		31121005
AK-CL M12	10.0 m	male/open		31121025
AK-CL M12	15.0 m	male/open		31121030
AK-CL M12	2.0 m	male/open		31121010
AK-CL M12	20.0 m	male/open		31121035
AK-CL M12	5.0 m	male/open		31121015
AK-CL M12	7.0 m	male/open		31121020

Wiring mV (analogue signal processing)	0...-2000 mV		0...+2000 mV	
	White:	+U	White:	+U
	Blue:	-U	Blue:	voltage-GND
	Black:	Signal-GND	Black:	signal-GND
	Green/yellow:	not used	Green/yellow:	not used
	Brown:	measurement signal	Brown:	measurement signal

Wiring mV (digitale signal processing)	0...+/-2000 mV	
	White:	+U
	Blue:	voltage-GND
	Black:	signal-GND
	Green/yellow:	not used
	Brown:	measurement signal

Wiring Modbus	White:	+U
	Blue:	voltage-GND
	Black:	RS485-B
	Green/yellow:	RS485-A
	Brown:	reserved

Wiring mA	White:	+U
	Blue:	-U
	Black:	not used
	Green/yellow:	not used
	Brown:	not used

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