

DATA SHEET

1-KAB146-6, KAB-M Cable for multicomponent transducer

SPECIAL FEATURES

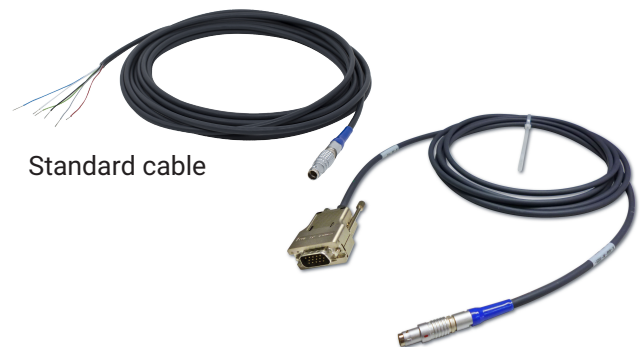
- 6-wire sensor cable
- Oil-resistant, UV-resistant and Skydrol-resistant (type 0228)
- 6-pin connector, suitable for MCS10

1-KAB146-6

- Standard cable; cable type 0228; length 6 m; free ends

KAB-M

- Cable suitable for drag chains (type 0151) available
- Type, length and cable ends configurable

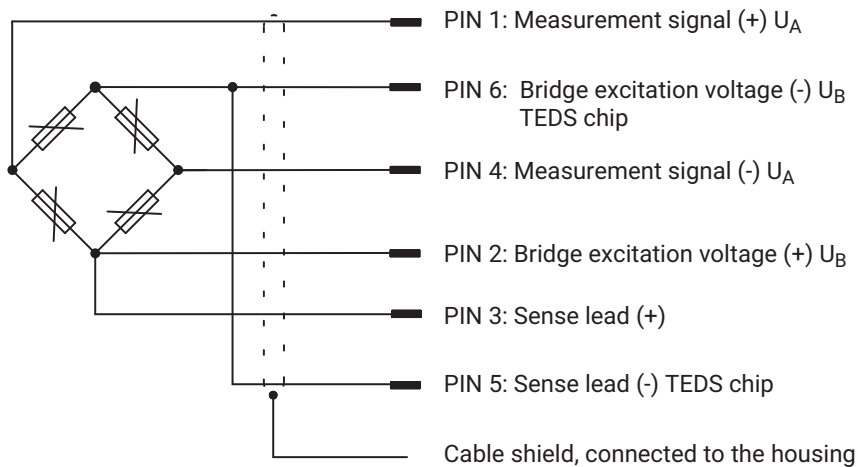
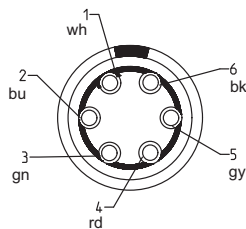


OPTION : D-Sub connector, 15-pin

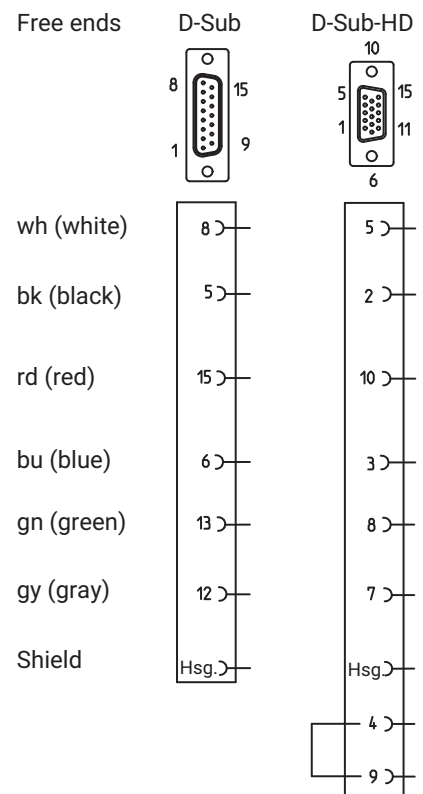
ASSIGNMENT

Transducer assignment

6-pin



Amplifier assignment



SPECIFICATIONS

Type		1-KAB146-6 / KAB-M	KAB-M
Cable type		0228	0151
Sheath material		TPE-V	TPE-U
Sheath color		slate gray	black
Outside diameter	mm	4.8±0.2	3.8±0.2
Core insulation		TPE	PET
Number of cores		6	6
Core cross-section	mm ²	0.14	0.15
Thermal stability			
Moving	°C	-25 ... +105	-25 ... +90
Fixed		-40 ... +105	-50 ... +90
Capacitance			
Core - core	pF/m	< 80	< 120
Core - shield		< 130	< 200
Minimum bending radius			
Moving		10 x D	10 x D
Fixed		5 x D	5 x D
Halogen-free		Yes	Yes
Suitability inspection for drag chains		-	3 million cycles: Acceleration: 20m/s ² Speed: 4m/s Chain radius: 45 mm Distance traversed: 2m
Inspection for torsion resistance		-	Every 3 million cycles 1m length to 90° 1m length to 180°

The standard cable 1-KAB146-6 is cable type 0228, 6m long and with free ends.

ORDERING OPTIONS FOR KAB-M

Ordering number	
K-KAB-M	

Code	Option 1: Cable type
0228	6-wire cable, TPE-V, Ø4.8 mm, gray for MCS10
0151	6-wire cable, TPE-U, Ø3.8 mm, suitable for drag chains, black for MCS10

Code	Option 2: Sensor side connection
00	Plug type 0T, 6-pin straight, for MCS10

Code	Option 3: Length
003	3 m
006	6 m
015	15 m
025	25 m

Code	Option 4: Customer side connection
0000	Free ends
P006	D-Sub connector, 15-pin
P010	D-Sub-HD connector, 15-pin (for Quantum X)

K-KAB-M - - - -

 Preferred version available as 1-KAB146-6.