

Cables

Type 16...

for Multi-Component Force Sensors, Dynamometers and Force Plates

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Multi-Axis Force Sensors

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3	1698AM...	PFA, steel braiding	0.3 15	-40...120°C	IP67	V3 pos.	Fischer 9-pole pos.	IP65	Page 9
	1698AB...	TPC black Ø3.6mm	0.5 20			V3 pos.	Fischer 9-pole pos.	IP65	Page 3
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	1698AC...	PFA, steel braiding Ø7.5mm	0.3 15			V3 pos.	Fischer 9-pole pos.	IP65	Page 5
	1698ABW...	TPC, Ø3.6mm, Y-Cable	0.5 20			2x V3 pos. 90°	Fischer 9-pole pos.	IP65	Page 4
	1698ABB...	TPC, Ø3.6mm, Y-Cable	0.5 20			2x V3 pos.	Fischer 9-pole pos.	IP65	Page 4
	1690A...	PFA synthetic braiding, incl. 1700A125	0.2 20			V3 pos.	V3 pos./neg.	IP65	Page 18
	1693A...	PFA	0.1 20			M8x0,75 3-pol pos.	3x Mini Coax neg.	IP40	Page 2
	1694A...	PFA	0.1 20			M8x0,75 3-pol pos.	3x KIAG 10-32 pos.	IP65	Page 2
6	1695A...	PFA, steel braiding	0.1 20	-40...120°C	IP67	M8x0,75 3-pol pos.	3x Mini Coax neg.	IP40	on request
	1700A125	Adapter for any V3 cable				V3 neg.	V3 neg.	IP68	Page 18

1) does not fit 9306A and preloaded measuring elements 93x7C

2) outdated connection type, not matching with current Kistler sensors

*no welding possible

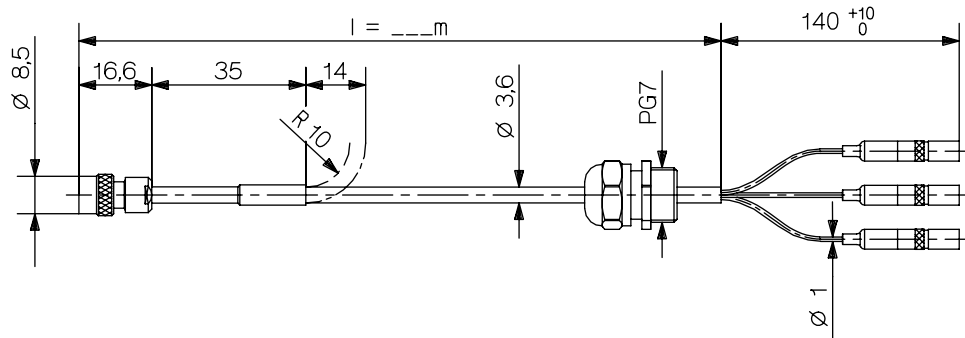
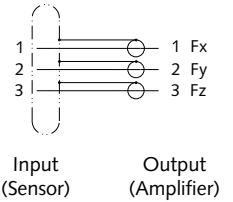
Dynamometer & Force Plates

Output Signal	Cable	Cable Properties	Length [m] min max	Temp. Range	IEC/EN 60529	Fischer Connector Dynamometer	Connector Amplifier	IEC/EN 60529	
3	1697A...	PFA, steel braiding	1 5	-5...70°C	IP67	7-pole pos.	Fischer 9-pole pos.	IP65	Page 19
6	1696A...				IP67	7-pole pos.	Fischer 9-pole pos.	IP65	Page 19
3	Z15141sp	PFA	1 20	-5...70°C	IP40	9-pole pos.	3x BNC pos.	IP40	on request
	1683A...	PFA with flexible steel hose	2 20			9-pole pos. 90°		IP65	Page 15
	1687BQ01...	TPC black Ø3.6mm	1 20			Flange 9-pole pos.		IP65	Page 16
	1687BQ02...	PFA, steel braiding	0.15 5			Flange 9-pole pos.	Fischer 9-pole pos.	IP65	Page 17
	1687B...	PFA with flexible steel hose	0.5 20			Flange 9-pole pos. 90°		IP65	Page 16
	1689B...	PFA with flexible steel hose	0.5 20			Flange 9-pole pos. 90°		IP65	Page 17
	Z16620sp	PFA	1 20			9-pole pos.	8x BNC pos.	IP40	on request
	1685B...	TPC black Ø5.6mm	1 20			9-pole pos.		IP65	Page 15
	1686A...	TPC black Ø5.6mm	1 20			9-pole pos. 90°		IP65	Page 16
	1681B...	PFA with flexible steel hose	1 20			9-pole pos.		IP65	Page 15
8	1677AQ01..	TPC black Ø5.6mm	1 20	-5...70°C	IP65	Flange 9-pole pos.	Fischer 9-pole pos.	IP65	Page 13
	1677AQ02..	TPC, steel braiding	1 20			Flange 9-pole pos.		IP65	Page 13
	1677A...	PFA with flexible steel hose	0.5 20			Flange 9-pole pos.		IP65	Page 12
	1679A...	PFA with flexible steel hose	0.5 20			Flange 9-pole pos.		IP65	Page 14
	1679AQ01..	TPC, steel braiding	2 20			Flange 9-pole pos. 90°		IP65	Page 14
	Z13705sp...	PFA	1 20			9-pole neg.	3x BNC pos.	IP40	on request
	1688B...	TPC black Ø3.6mm	0.15 20			9-pole neg.	Fischer 9-pole pos.	IP65	Page 17
8	Z16634sp..	PFA	1 20	-5...70°C	IP40	9-pole neg.	8x BNC pos.	IP40	on request
	1656A...	PFA	1 20			9-pole neg.	8x KIAG 10-32 neg.	IP65	Page 12
	1678A...	TPC black Ø5.6mm	0.15 25			9-pole neg.	Fischer 9-pole pos.	IP65	Page 13

Type 1693A... Connecting cable for triaxial sensors with M8x0,75 3-pole neg. connector

Number of conductors 3
Length (m) 1/2/5/sp ($L_{\min} = 0.1 \text{ m}$ / $L_{\max} = 20 \text{ m}$)
Cable TPC black $\varnothing 3.6 \text{ mm}$
Temperature range $-40 \dots 120^\circ\text{C}$
Used for Triaxial measurement

Cable diagram



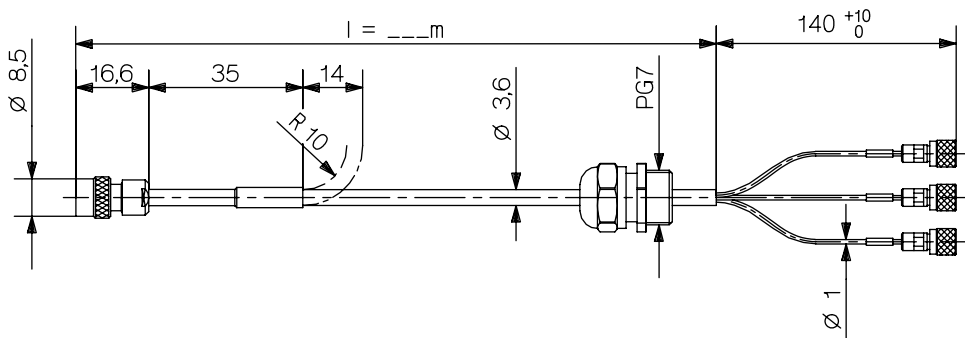
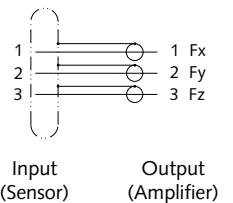
Cable plug M8x0,75 3-pol. pos.
Degree of protection IP65
(EN60529)

3 x Mini-Coax neg.
IP40

Type 1694A... Connecting cable for triaxial sensors with M8x0,75 3-pole neg. connector

Number of conductors 3
Length (m) 1/2/5/sp ($L_{\min} = 0.1 \text{ m}$ / $L_{\max} = 20 \text{ m}$)
Cable TPC black $\varnothing 3.6 \text{ mm}$
Temperature range $-40 \dots 120^\circ\text{C}$
Used for Triaxial measurement

Cable diagram



Cable plug M8x0,75 3-pole pos.
Degree of protection IP65
(EN60529)

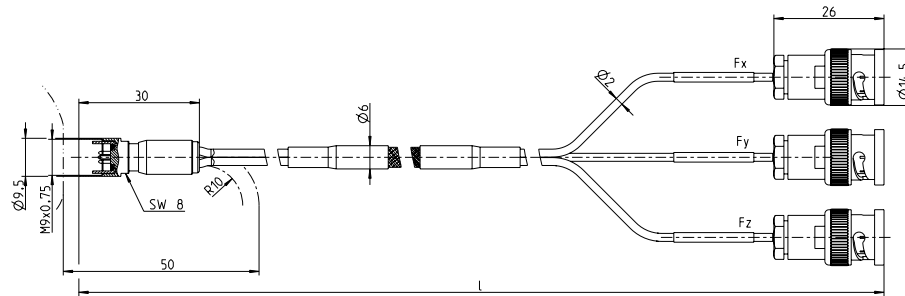
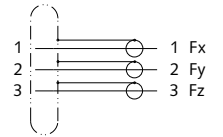
3 x KIAG 10-32 pos.
IP65

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Type 1698AA... Connecting cable for triaxial sensors with V3 neg. connector (protected design)

Number of conductors 3
Length (m) 1/2/5/sp ($L_{\min} = 0.2$ m/ $L_{\max} = 20$ m)
Cable 3 x PFA green $\varnothing 2$ mm with synthetic braiding
Temperature range $-40 \dots 120^\circ\text{C}$
Used for triaxial measurement

Cable diagram

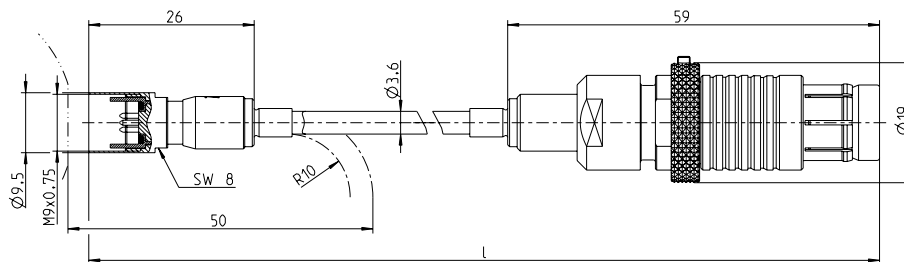
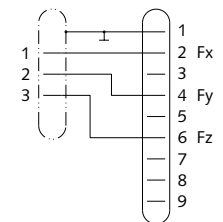


Cable plug V3 pos. 3 x BNC pos.
Degree of protection IP65 screwed IP40
(EN60529)

Type 1698AB... Connecting cable for triaxial sensors with V3 neg. connector (protected design)

Number of conductors 3
Length (m) 1/2/5/sp ($L_{\min} = 0.5$ m/ $L_{\max} = 20$ m)
Cable TPC black $\varnothing 3.6$ mm
Temperature range $-40 \dots 120^\circ\text{C}$
Used for Triaxial measurement

Cable diagram



Cable plug V3 pos. Fischer 9-pole pos.
Degree of protection IP68 screwed IP65
(EN60529) (24 hrs @ 13 bar)

Type 1698ABB... Connecting cable for 6-axis force/torque sensor with V3 neg. connector (protected design)

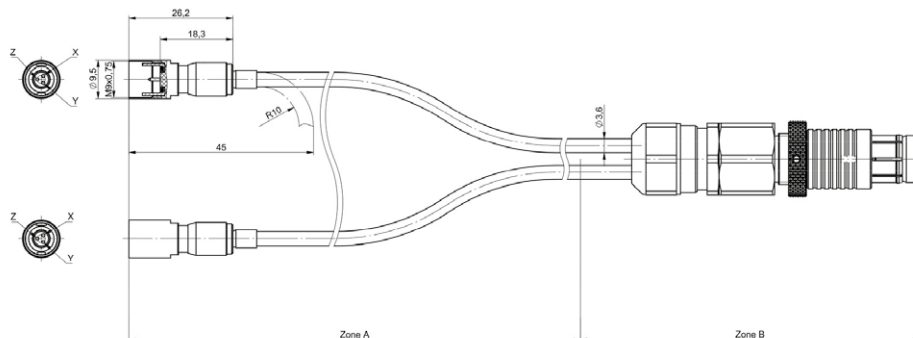
Number of conductors 6

Length (m) sp ($L_{\min} = 0.5$ m/ $L_{\max} = 20$ m)

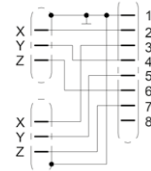
Cable TPC black $\varnothing 3.6$ mm

Temperature range $-40 \dots 120^\circ\text{C}$

Used for 6-Axis force/torque measurement



Cable diagram



Input (Sensor) Output (Amplifier)

Cable plug 2x V3 pos.
Degree of protection P68 screwed
(EN60529) (24hrs @ 13bar)

Fischer 9-pole pos.
IP65

Type 1698ABW... Connecting cable for 6-axis force/torque sensor with V3 neg. 90° connector (protected design)

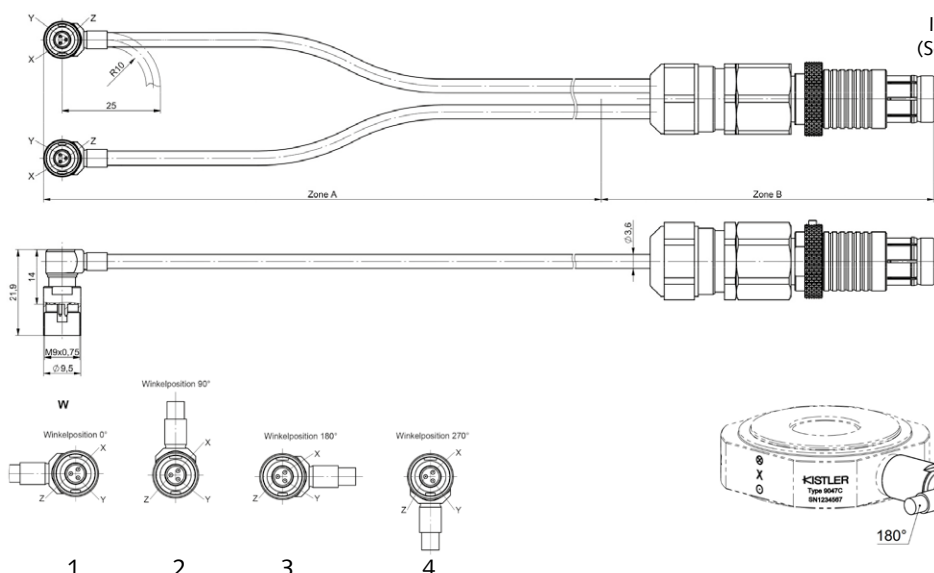
Number of conductors 6

Length (m) sp ($L_{\min} = 0.5$ m/ $L_{\max} = 20$ m)

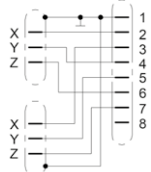
Cable TPC black $\varnothing 3.6$ mm

Temperature range $-40 \dots 120^\circ\text{C}$

Used for 6-Axis force/torque



Cable diagram



Input (Sensor) Output (Amplifier)

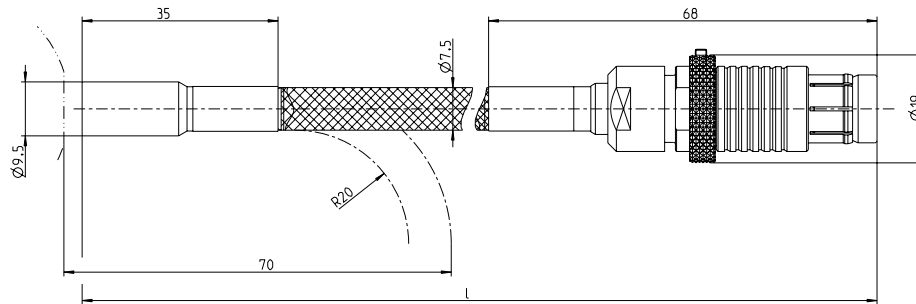
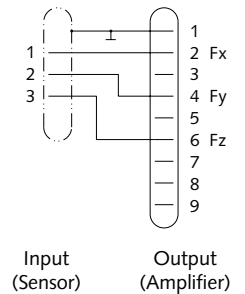
Cable plug 2x V3 pos. 90°
Degree of protection IP67 screwed
(EN60529)

Fischer 9-pole pos.
IP65

Type 1698AC... Connecting cable for triaxial sensors with V3 neg. connector (protected design)

Number of conductors 3
Length (m) sp ($L_{\min} = 2 \text{ m}/L_{\max} = 5 \text{ m}$)*
Cable PFA blue $\varnothing 1 \text{ mm}$
Cable protection Fluoro-polymer hose, steel braided
Temperature range $-40 \dots 120^\circ\text{C}$
Used for Triaxial measurement

Cable diagram



Cable plug V3 pos., threadless, welded only
Degree of protection IP67 welded
(EN60529)

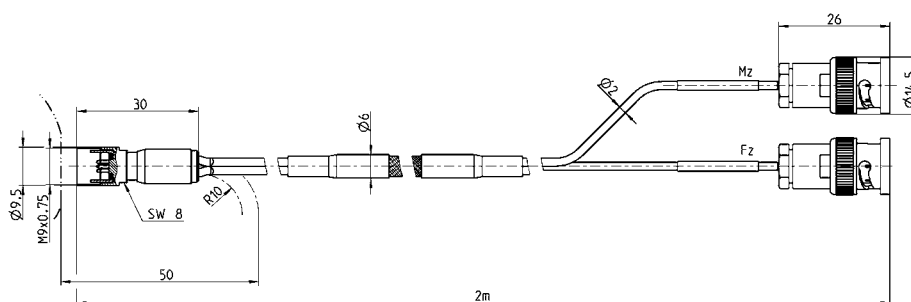
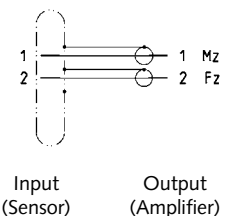
Fischer 9-pole pos
IP65

* The protecting hose is torsion proof. To allow a firm Fischer connection you have to order the cable length 0.5 m longer.

Type 1698AD... Connecting cable for 2-component sensors with V3 neg. connector (protected design)

Number of conductors 2
Length (m) 2/sp ($L_{\min} = 0.2 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable PFA green $\varnothing 2 \text{ mm}$ with synthetic braiding
Temperature range $-40 \dots 120^\circ\text{C}$
Used for 2-component measurement

Cable diagram



Cable plug V3 pos.
Degree of protection IP65 screwed
(EN60529)

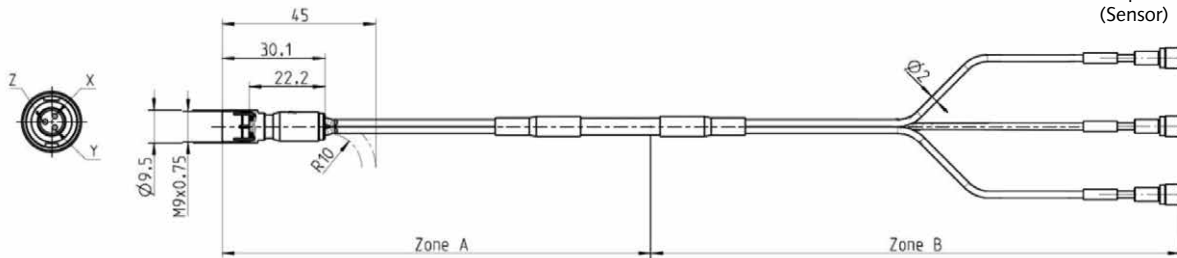
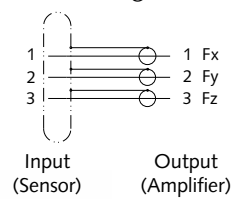
2 x BNC pos.
IP40

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Type 1698AE... Connecting cable for triaxial sensors with V3 neg. connector (protected design)

Number of conductors 3
Length (m) sp ($L_{\min} = 0.2 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable PFA green $\varnothing 2 \text{ mm}$ with synthetic braiding
Temperature range $-40 \dots 120^\circ\text{C}$
Used for Triaxial measurement

Cable diagram



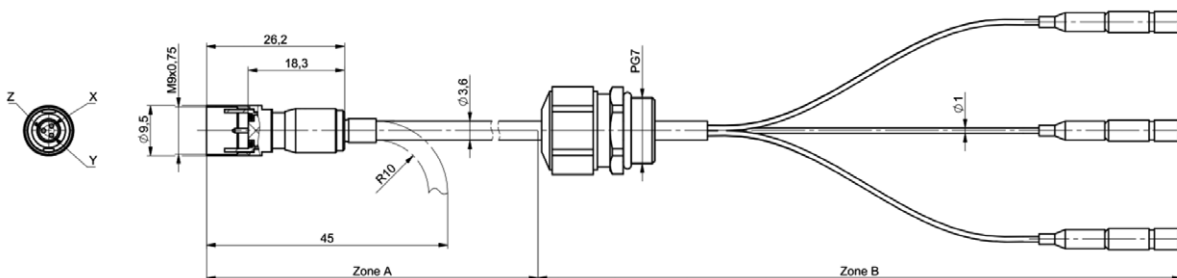
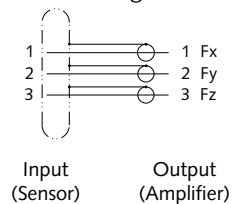
Cable plug V3 pos.
Degree of protection IP65 screwed
(EN60529)

3x KIAG 10-32 pos.
IP65

Type 1698AF... Connecting cable for triaxial sensors with V3 neg. connector (protected design)

Number of conductors 3
Length (m) sp ($L_{\min} = 0.5 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable TPC black $\varnothing 3.6 \text{ mm}$
Temperature range $-40 \dots 120^\circ\text{C}$
Used for Triaxial measurement

Cable diagram



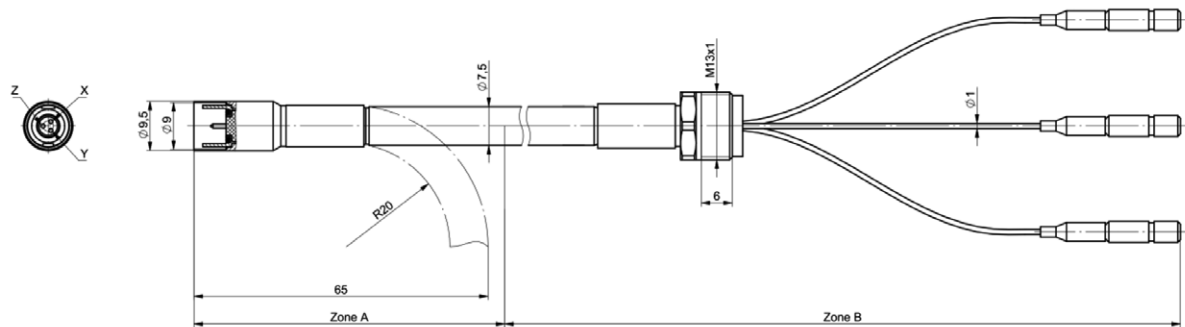
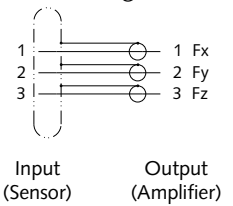
Cable plug V3 pos.
Degree of protection IP65 screwed
(EN60529)

3x Mini Coax neg.
IP40

Type 1698AG... Connecting cable for triaxial sensors with V3 neg. connector (protected design)

Number of conductors 3
Length (m) sp ($L_{\min} = 2 \text{ m}/L_{\max} = 5 \text{ m}$)
Cable PFA blue $\varnothing 1 \text{ mm}$
Cable protection Fluoro-polymer hose, steel braided
Temperature range $-40 \dots 120^\circ\text{C}$
Used for Triaxial measurement

Cable diagram



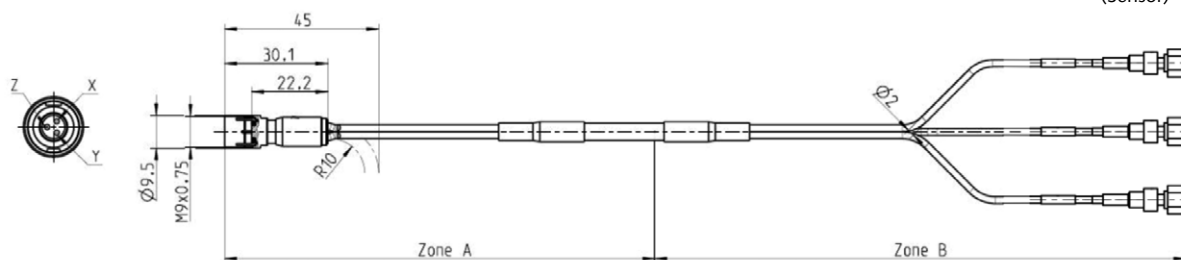
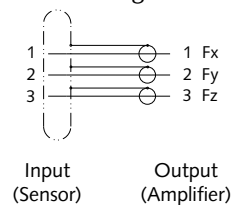
Cable plug V3 pos., threadless, welded only
Degree of protection IP68 welded
(EN60529)

3x Mini Coax neg.
IP40

Type 1698AH... Connecting cable for triaxial sensors with V3 neg. connector (protected design)

Number of conductors 3
Length (m) sp ($L_{\min} = 2 \text{ m}/L_{\max} = 5 \text{ m}$)
Cable PFA green $\varnothing 2 \text{ mm}$ synthetic braiding
Temperature range $-40 \dots 120^\circ\text{C}$
Used for Triaxial measurement

Cable diagram



Cable plug V3 pos.
Degree of protection IP65 screwed
(EN60529)

3x SMC neg.
IP40

Type 1698AI...	Connecting cable for triaxial sensors with V3 neg. connector (protected design)
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Number of conductors 3

Length (m) sp ($L_{\min} = 0.3 \text{ m} / L_{\max} = 15 \text{ m}$)

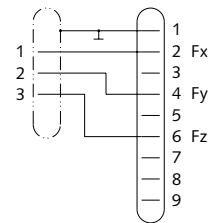
Cable PFA blue ø1 mm

Cable protection FPM hose, steel braided

Temperature range -40 ... 120°C

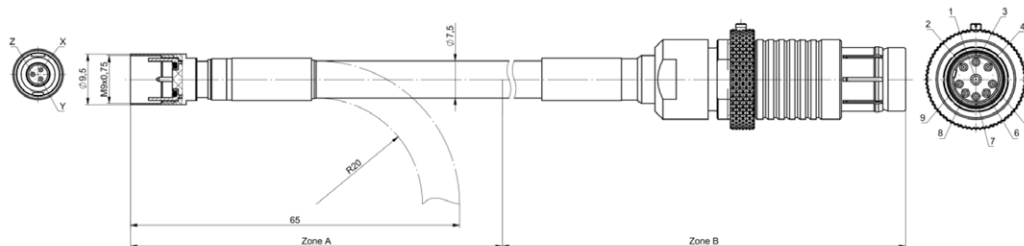
Used for	Triaxial measurement
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Cable diagram



Input
(Sensor)

Output
(Amplifier)



Cable plug V3 pos.

Degree of protection IP68 screwed
(EN60529) (24 hrs @ 13 bar)

Fischer 9-pole pos. 90°
IP65

Type 1698AK...	Connecting cable for triaxial sensors with V3 neg. connector (protected design)
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Number of conductors 3

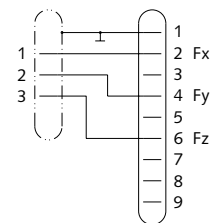
Length (m) sp ($L_{\min} = 0.5 \text{ m}/L_{\max} = 20 \text{ m}$)

Cable TPC black $\varnothing 3.6$ mm

Temperature range -40 ... 120°C

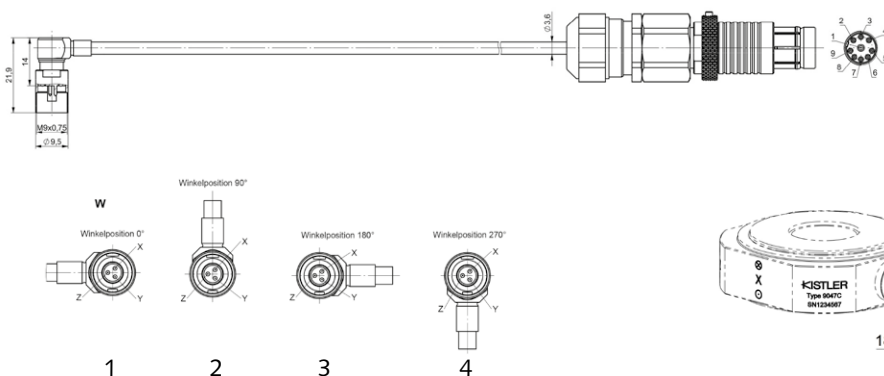
Used for	Triaxial measurement
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Cable diagram



Input
(Sensor)

Output
(Amplifier)



Cable plug V3 pos. 90°

Degree of protection IP67 screwed
(EN60529)

Fischer 9-pole pos.
IP65

Type 1698AL... Connecting cable for triaxial sensors with V3 neg. connector (protected design)

Number of conductors 3

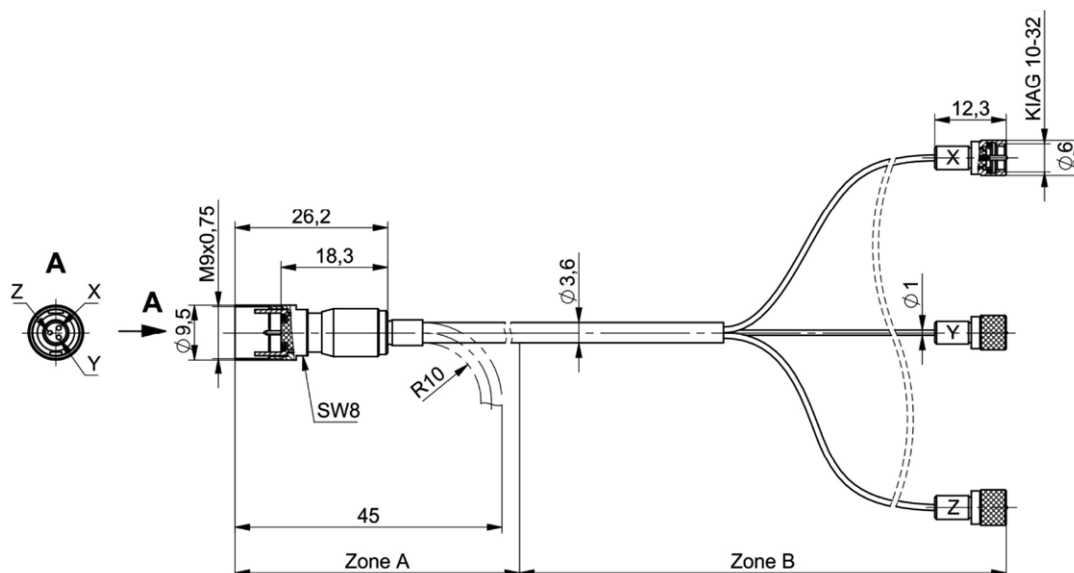
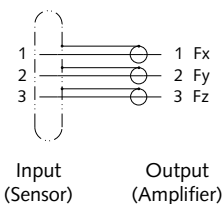
Length (m) sp ($L_{\min} = 0.5 \text{ m} / L_{\max} = 20 \text{ m}$)

Cable TPC black $\varnothing 3.6 \text{ mm}$

Temperature range $-40 \dots 120^\circ\text{C}$

Used for Triaxial measurement

Cable diagram



Cable plug V3 pos.

Degree of protection IP68

(EN60529) (24hrs @ 13bar)

3 x KIAG 10-32 pos.

IP65

Type 1698AM... Connecting cable for triaxial sensors with V3 neg. connector (protected design)

Number of conductors 3

Length (m) sp ($L_{\min} = 0.3 \text{ m} / L_{\max} = 20 \text{ m}$)

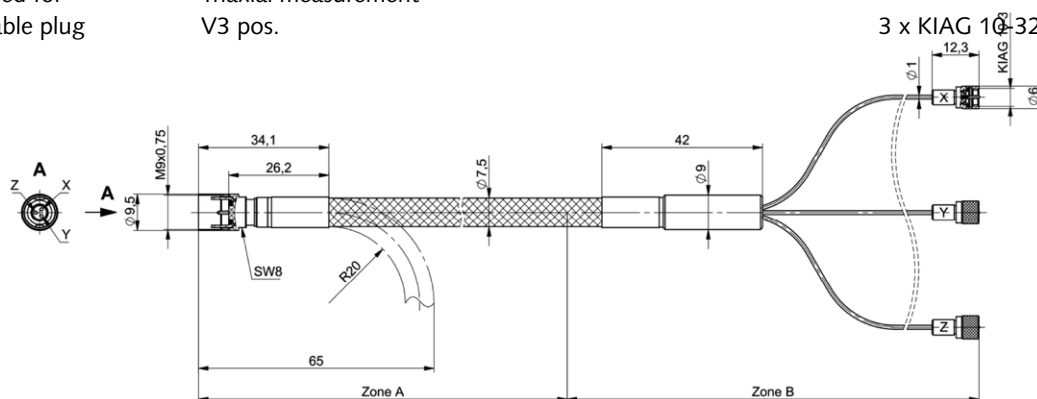
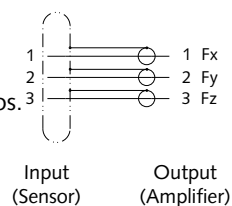
Cable FPM Stainless steel braiding $\varnothing 3.6 \text{ mm}$

Temperature range $-40 \dots 120^\circ\text{C}$

Used for Triaxial measurement

Cable plug V3 pos.

Cable diagram



Degree of protection IP68

(EN60529) (24hrs @ 13bar)

IP65

Type 1698AN... Connecting cable for triaxial sensors with V3 neg. 90° connector (protected design)

Number of conductors 3

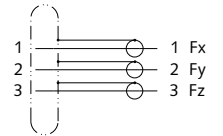
Length (m) sp ($L_{\min} = 0.1 \text{ m} / L_{\max} = 20 \text{ m}$)

Cable TPC black $\varnothing 3.6 \text{ mm}$

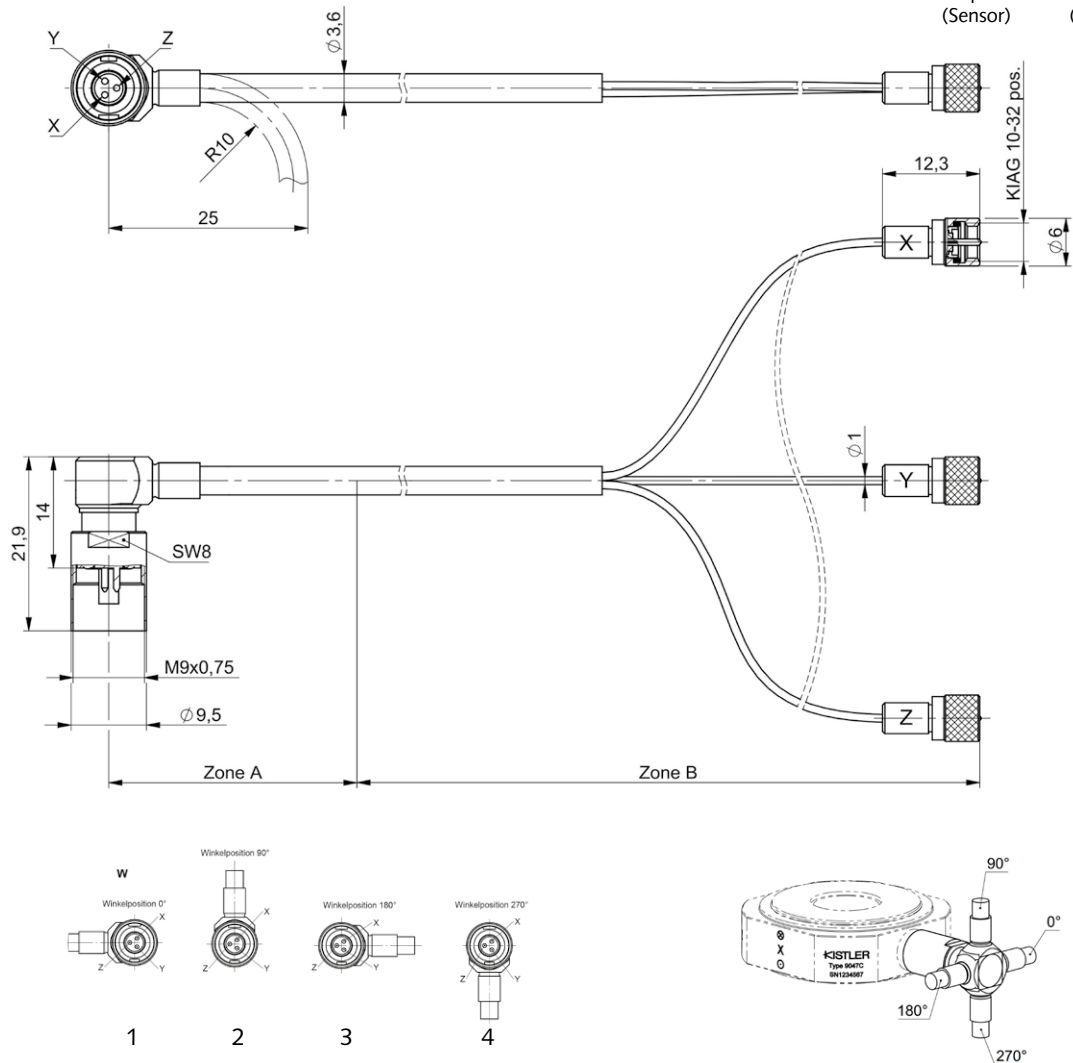
Temperature range $-40 \dots 120^\circ\text{C}$

Used for Triaxial measurement

Cable diagram



Input (Sensor) Output (Amplifier)



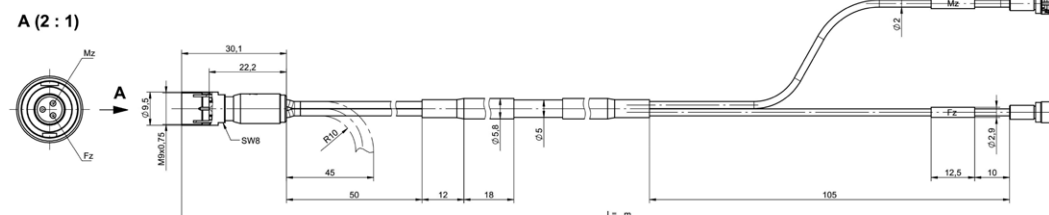
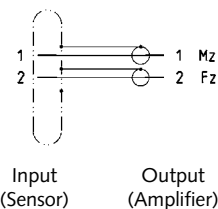
Cable plug V3 pos. 90°
Degree of protection IP67
(EN60529)

3 x KIAG 10-32 pos.
IP65

Type 1698AP... Connecting cable for 2-component sensors with V3 neg. connector (protected design)

Number of conductors	2
Length (m)	sp ($L_{\min} = 0.2 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable	PFA $\varnothing 2.0 \text{ mm}$ in plastic braid
Temperature range	$-40 \dots 120^\circ\text{C}$
Used for	2-component measurement

Cable diagram

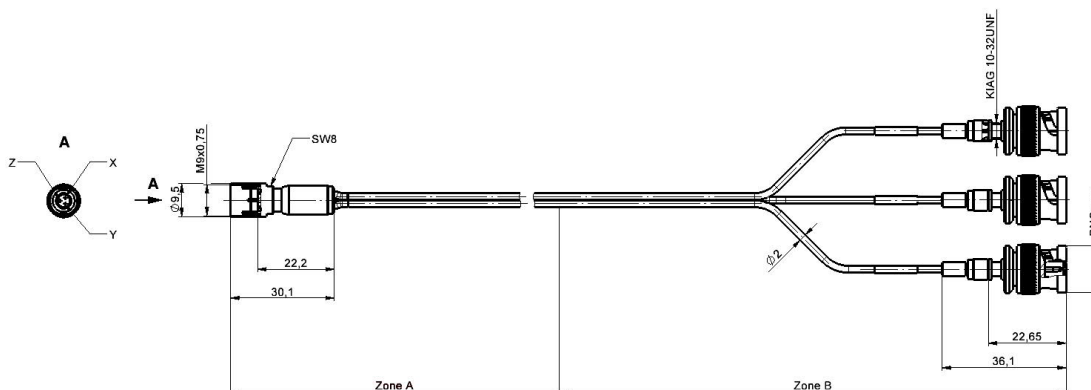
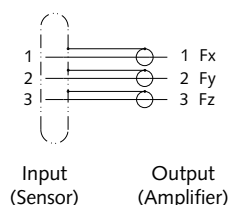


Cable plug	V3 pos.	2 x KIAG 10-32 pos.
Degree of protection (EN60529)	IP 65	IP 65

Type 1698AVsp Vacuum suitable connecting cable for triaxial sensors with V3 neg. connector (protected design)

Number of conductors	3
Length (m)	sp ($L_{\min} = 0.2 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable	PFA green $\varnothing 2.0 \text{ mm}$ without synthetic braiding
Temperature range	$-40 \dots 120^\circ\text{C}$
Used for	Triaxial measurement in vacuum

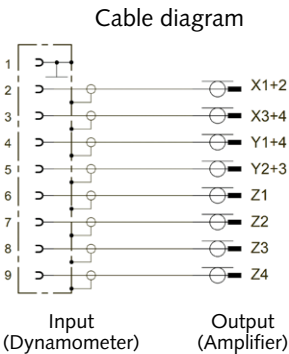
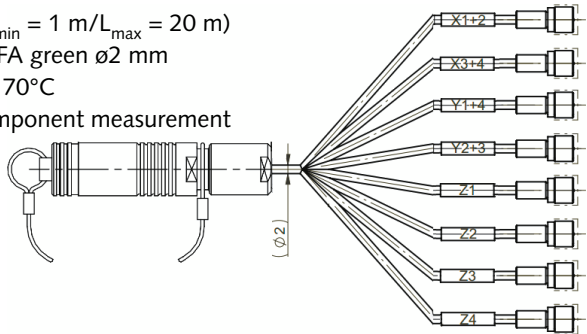
Cable diagram



Cable plug	V3 pos.	3 x BNC pos. (KIAG 10-32 pos.)
Degree of protection (EN60529)	IP 65 screwed	IP 40

Type 1656Asp Extension cable

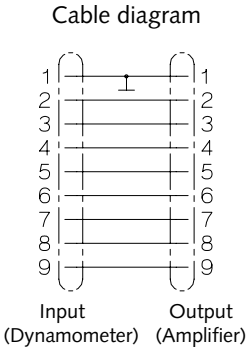
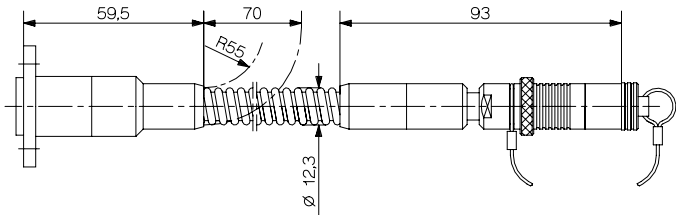
Number of conductors 8
Length (m) sp ($L_{\min} = 1 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable 8 x PFA green $\varnothing 2 \text{ mm}$
Temperature range $-5 \dots 70^\circ\text{C}$
Used for 6-component measurement



Cable plug Fischer 9-pole neg.
Protection (EN60529) IP40
8x KIAG 10-32 neg.
IP65

Type 1677A... Connecting cable for multi-component dynamometer with Fischer flange 9-pole neg. connector

Number of conductors 8
Length (m) 5/sp ($L_{\min} = 0.5 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable PFA green $\varnothing 2 \text{ mm}$
Cable protection Flexible stainless steel hose
Temperature range $-5 \dots 70^\circ\text{C}$
Used for 6-component measurement



Cable plug Fischer-Flansch 9-pol. pos.
Protection (EN60529) IP67
Fischer 9-pole pos.
IP65

Type 1677AQ01sp Connecting cable for multi-component dynamometer Fischer flange 9-pole neg. connector

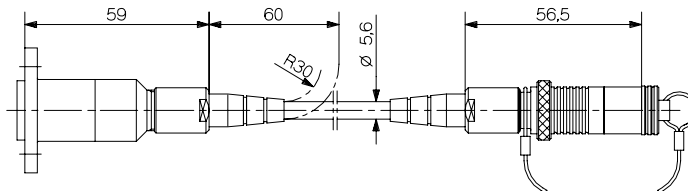
Number of conductors 8

Length (m) sp ($L_{\min} = 1 \text{ m}/L_{\max} = 20 \text{ m}$)

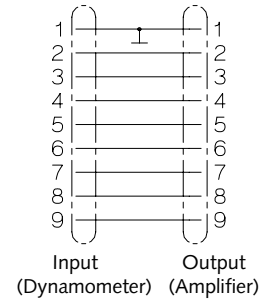
Cable TPC black $\varnothing 5.6 \text{ mm}$

Temperature range $-5 \dots 70^\circ\text{C}$

Used for 6-component measurement



Cable diagram



Cable plug Fischer flange 9-pole pos.
Protection (EN60529) IP65

Fischer 9-pole pos.
IP65

Type 1677AQ02sp Connecting cable for multi-component dynamometer with Fischer flange 9-pole neg. connector

Number of conductors 8

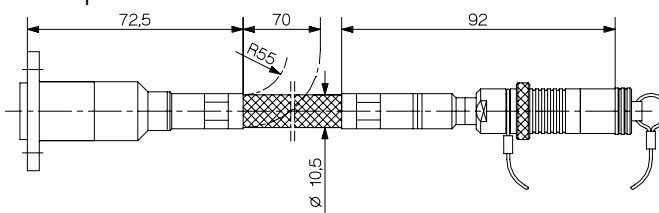
Length (m) sp ($L_{\min} = 1 \text{ m}/L_{\max} = 10 \text{ m}$)

Cable TPC black $\varnothing 5.6 \text{ mm}$

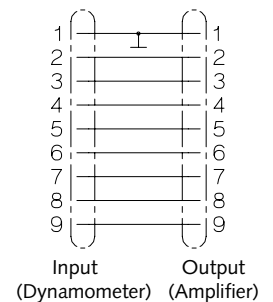
Cable protection Fluoro-polymer hose, steel braided

Temperature range $-5 \dots 70^\circ\text{C}$

Used for 6-component measurement



Cable diagram



Cable plug Fischer flange 9-pole pos.
Protection (EN60529) IP67

Fischer 9-pole pos.
IP65

Type 1678A... Extension Cable

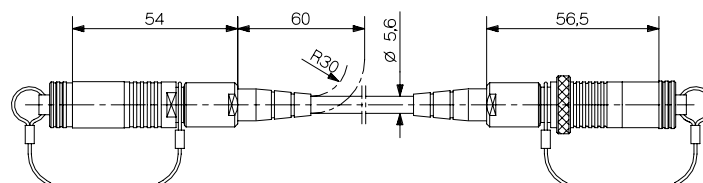
Number of conductors 8

Length (m) 5/10/25/sp ($L_{\min} = 0.15 \text{ m}/L_{\max} = 25 \text{ m}$)

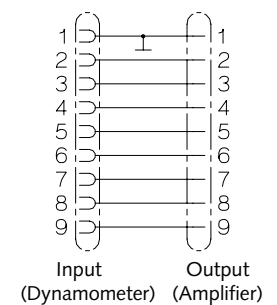
Cable TPC black $\varnothing 5.6 \text{ mm}$

Temperature range $-5 \dots 70^\circ\text{C}$

Used for 6-component measurement



Cable diagram



Cable plug Fischer 9-pole neg.
Protection (EN60529) IP65

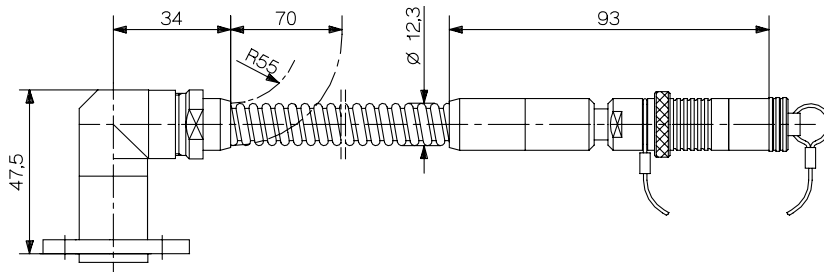
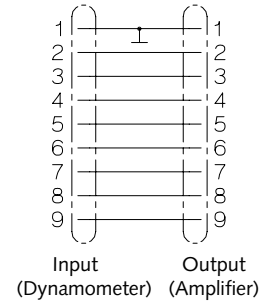
Fischer 9-pole pos.
IP65

1687B_000-545e-04.23

Type 1679A... Connecting cable for multi-component dynamometer with Fischer flange 9-pole neg. connector

Number of conductors 8
Length (m) 5/sp ($L_{\min} = 0.5 \text{ m} / L_{\max} = 20 \text{ m}$)
Cable PFA green $\varnothing 2 \text{ mm}$
Cable protection Flexible stainless steel hose
Temperature range $-5 \dots 70^\circ\text{C}$
Used for 6-component measurement

Cable diagram



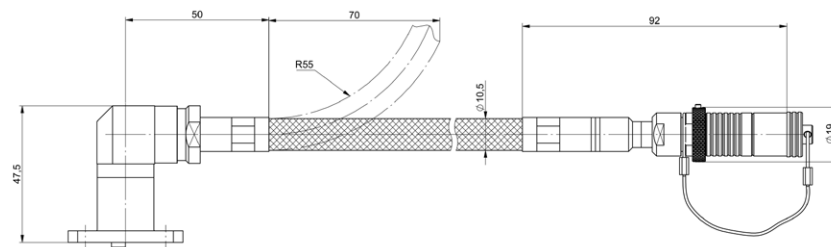
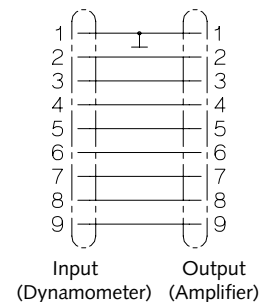
Cable plug Fischer flange 9-pole pos. 90°
Protection (EN60529) IP67

Fischer 9-pole pos.
IP65

Type 1679AQ01sp Connecting cable for multi-component dynamometer with Fischer flange 9-pole neg. connector

Number of conductors 8
Length (m) 5/sp ($L_{\min} = 2 \text{ m} / L_{\max} = 10 \text{ m}$)
Cable TPC black $\varnothing 5.6 \text{ mm}$
Cable protection Fluoro-polymer hose, steel braiding
Temperature range $-5 \dots 70^\circ\text{C}$
Used for 6-component measurement

Cable diagram

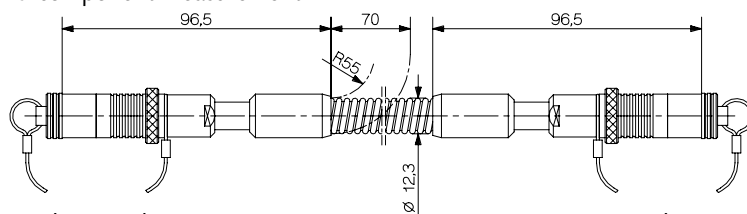


Cable plug Fischer flange 9-pole pos. 90°
Protection (EN60529) IP67

Fischer 9-pole pos.
IP65

Type 1681B... Connecting cable for multi-component dynamometer with Fischer 9-pole neg. connector

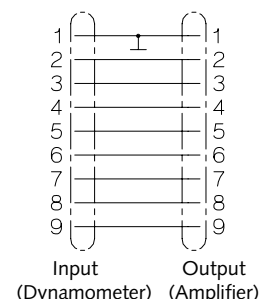
Number of conductors 8
Length (m) 1/5/10/20/sp ($L_{\min} = 1 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable PFA green $\varnothing 2 \text{ mm}$
Cable protection Flexible stainless steel hose
Temperature range $-5 \dots 70^\circ\text{C}$
Used for 6-component measurement



Cable plug Fischer 9-pole pos.
Protection (EN60529) IP65

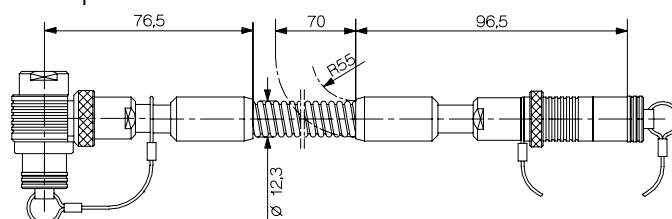
Fischer 9-pole pos.
IP65

Cable diagram



Type 1683A... Connecting cable for multi-component dynamometer with Fischer 9-pole neg. connector

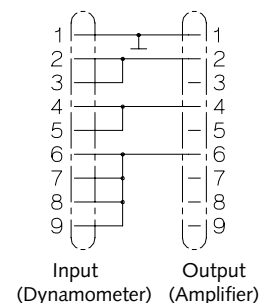
Number of conductors 3
Length (m) 5/sp ($L_{\min} = 2 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable PFA green $\varnothing 2 \text{ mm}$
Cable protection Flexible stainless steel hose
Temperature range $-5 \dots 70^\circ\text{C}$
Used for 3-component measurement



Cable plug Fischer 9-pole pos. 90°
Protection (EN60529) IP65

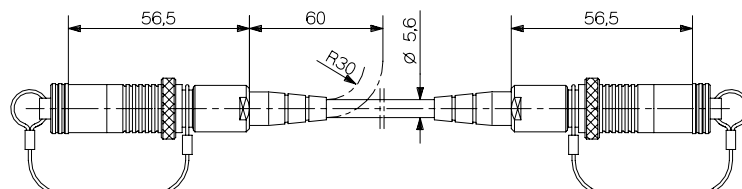
Fischer 9-pole pos.
IP65

Cable diagram



Type 1685B... Connecting cable for multi-component dynamometer with Fischer 9-pole neg. connector

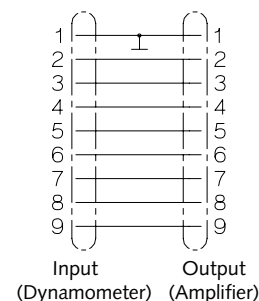
Number of conductors 8
Length (m) 5/10/sp ($L_{\min} = 1 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable TPC black $\varnothing 5.6 \text{ mm}$
Temperature range $-5 \dots 70^\circ\text{C}$
Used for 6-component measurement



Cable plug Fischer 9-pole pos.
Protection (EN60529) IP65

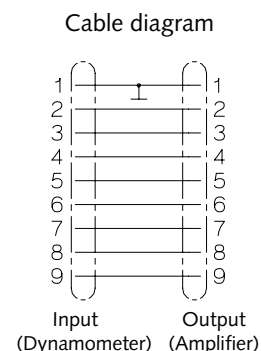
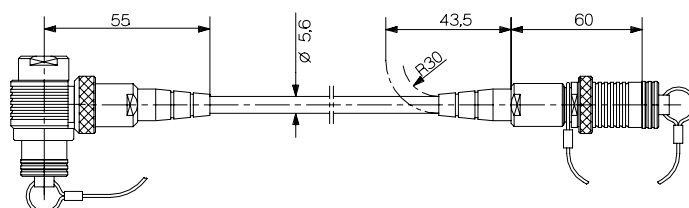
Fischer 9-pole pos.
IP65

Cable diagram



Type 1686A... Connecting cable for multi-component dynamometer with Fischer 9-pole neg. connector

Number of conductors 8
Length (m) 5/10/sp ($L_{\min} = 1 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable TPC black $\varnothing 5.6 \text{ mm}$
Temperature range $-5 \dots 70^\circ\text{C}$
Used for 6-component measurement

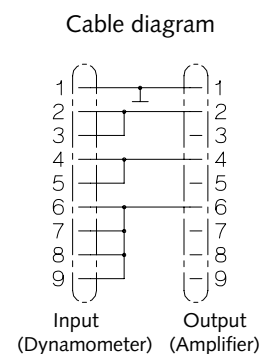
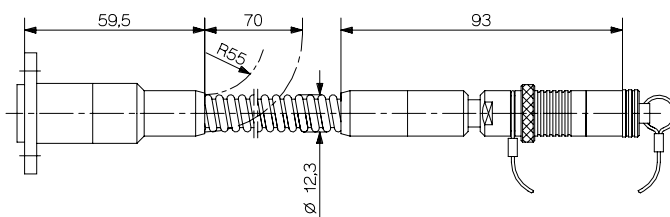


Cable plug Fischer 9-pole pos. 90°
Protection (EN60529) IP65

Fischer 9-pole pos.
IP65

Type 1687B... Connecting cable for multi-component dynamometer with Fischer flange 9-pole neg. connector

Number of conductors 3
Length (m) 5/sp ($L_{\min} = 0.5 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable PFA green $\varnothing 2 \text{ mm}$
Cable protection Flexible stainless steel hose
Temperature range $-5 \dots 70^\circ\text{C}$
Used for 3-component measurement

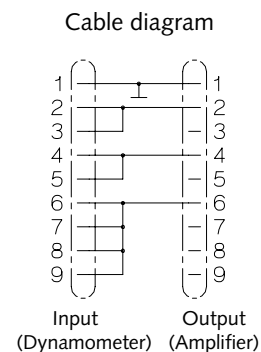
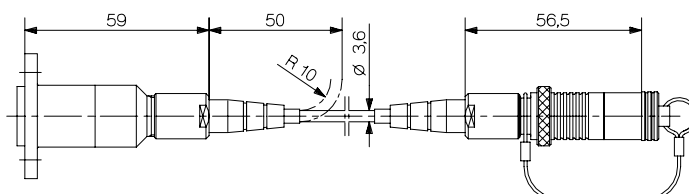


Cable plug Fischer-Flansch 9-pole pos.
Protection (EN60529) IP67

Fischer 9-pole pos.
IP65

Type 1687BQ01sp Connecting cable for multi-component dynamometer with Fischer fange 9-pole neg. connector

Number of conductors 3
Length (m) sp ($L_{\min} = 1 \text{ m}/L_{\max} = 20 \text{ m}$)
Cable TPC black $\varnothing 3.6 \text{ mm}$
Temperature range $-5 \dots 70^\circ\text{C}$
Used for 3-component measurement



Cable plug Fischer-Flansch 9-pole pos.
Protection (EN60529) IP65

Fischer 9-pole pos.
IP65

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Type 1687BQ02sp Connecting cable for multi-component dynamometer with Fischer flange 9-pole neg. connector

Number of conductors 3

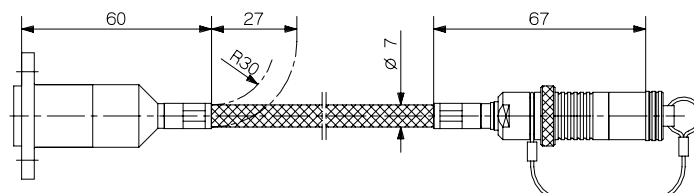
Length (m) sp ($L_{\min} = 0.15 \text{ m}/L_{\max} = 20 \text{ m}$)

Cable PFA blue $\varnothing 1 \text{ mm}$

Cable protection Fluoro-polymer hose, steel braiding

Temperature range $-5 \dots 70^\circ\text{C}$

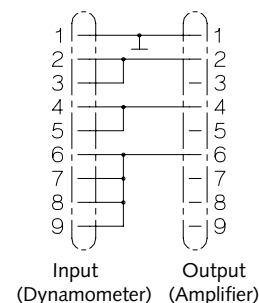
Used for 3-component measurement



Cable plug Fischer-Flansch 9-pole pos.
Protection (EN60529) IP67

Fischer 9-pole pos.
IP65

Cable diagram



Type 1688B Extension Cable

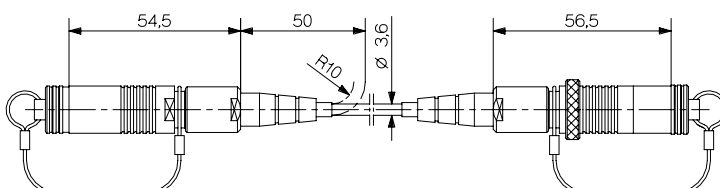
Number of conductors 3

Length (m) 5/sp ($L_{\min} = 0.15 \text{ m}/L_{\max} = 20 \text{ m}$)

Cable TPC black $\varnothing 3.6 \text{ mm}$

Temperature range $-5 \dots 70^\circ\text{C}$

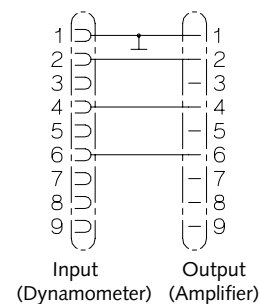
Used for 3-component measurement



Cable plug Fischer 9-pole neg.
Protection (EN60529) IP65

Fischer 9-pole pos.
IP65

Cable diagram



Type 1689B... Connecting cable for multi-component dynamometer with Fischer flange 9-pole neg. connector

Number of conductors 3

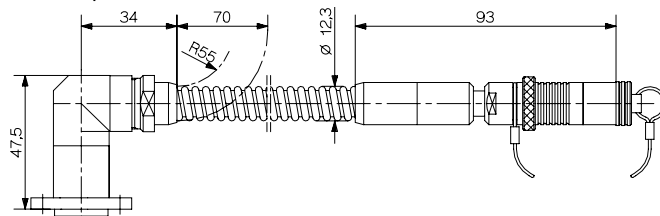
Length (m) 5/sp ($L_{\min} = 0.5 \text{ m}/L_{\max} = 20 \text{ m}$)

Cable PFA green $\varnothing 2 \text{ mm}$

Cable protection Flexible stainless steel hose

Temperature range $-5 \dots 70^\circ\text{C}$

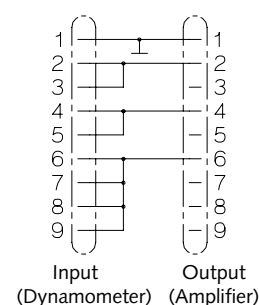
Used for 3-component measurement



Cable plug Fischer flange 9-pole pos. 90°
Protection (EN60529) IP67

Fischer 9-pole pos.
IP65

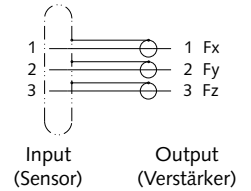
Cable diagram



Type 1690A... Triaxial extension cable with 2x V3 pos connector

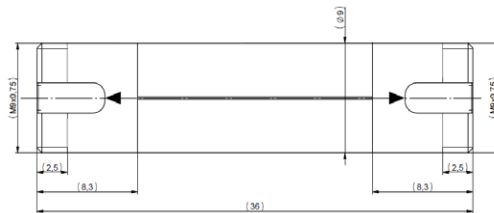
Number of conductors 3
Length (m) SP ($L_{\min} = 0.2 \text{ m}$ / $L_{\max} = 20 \text{ m}$)
Cable PFA $\varnothing 2.0 \text{ mm}$ in plastic braid
Temperature range $-40 \dots 120^\circ\text{C}$
Used for Triaxial measurements

Kabelschema



Cable plug V3 pos
Degree of protection IP65
(EN60529)

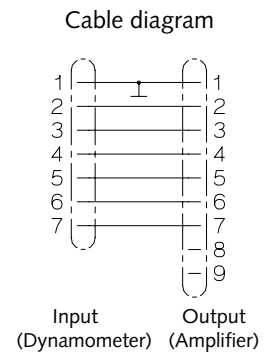
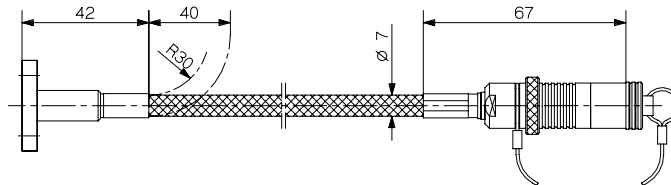
Including coupler Type 1700A125



Cable plug V3 pos
Degree of protection IP65
(EN60529)

Type 1696A... Connecting cable for multi-component dynamometer with Fischer flange 7-pole neg. connector

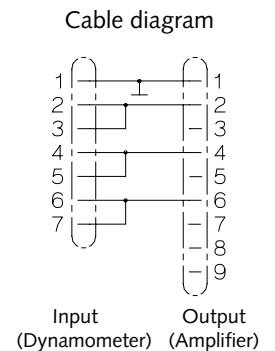
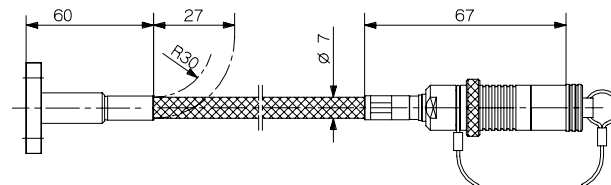
Number of conductors 6
Length (m) 5/sp ($L_{\min} = 1 \text{ m}/L_{\max} = 5 \text{ m}$)
Cable PFA blau $\varnothing 1 \text{ mm}$
Cable protection Fluoro-polymer hose, steel braiding
Temperature range $-5 \dots 70^\circ\text{C}$
Used for 6-component measurement



Cable plug Fischer-Flansch 7-pole pos.
Degree of protection IP67
(EN60529) Fischer 9-pole pos.
IP65

Type 1697A... Connecting cable for multi-component dynamometer with Fischer flange 7-pole neg. connector

Number of conductors 3
Length (m) 5/sp ($L_{\min} = 1 \text{ m}/L_{\max} = 5 \text{ m}$)
Cable PFA blue $\varnothing 1 \text{ mm}$
Cable protection Fluoro-polymer hose, steel braiding
Temperature range $-5 \dots 70^\circ\text{C}$
Used for 3-component measurement



Cable plug Fischer-Flansch 7-pole pos.
Degree of protection IP67
(EN60529) Fischer 9-pole pos.
IP65