

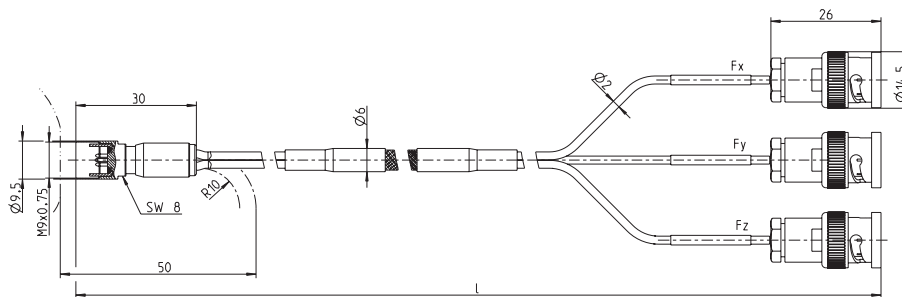
Cables

Type 16...

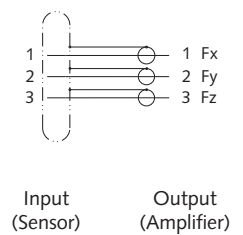
for Multi-Component Force Sensors, Dynamometers and Force Plates

Type 1698AA... Connecting Cable for 3-Component Sensors with V3 neg. Connector (Protected Design)

Number of conductors 3
 Length (m) 1/2/5/sp ($L_{min} = 0,2 \text{ m} / L_{max} = 20 \text{ m}$)
 Cable 3 x PFA green $\varnothing 2 \text{ mm}$ with plastic hose
 Temperature range $-40 \dots 120 \text{ }^\circ\text{C}$
 Used for 3-component measurement



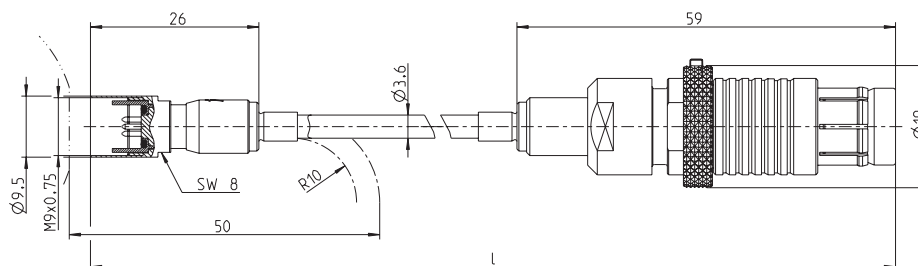
Cable diagram



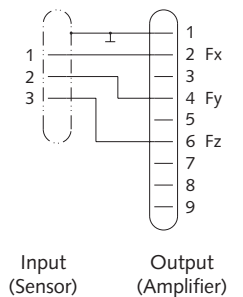
Cable plug V3 pos. 3 x BNC pos.
 Degree of protection IP65 IP40
 (EN60529)

Type 1698AB... Connecting Cable for 3-Component Sensors with V3 neg. Connector (Protected Design)

Number of conductors 3
 Length (m) 1/2/5/sp ($L_{min} = 0,5 \text{ m} / L_{max} = 20 \text{ m}$)
 Cable PFA black $\varnothing 3,6 \text{ mm}$
 Temperature range $-40 \dots 120 \text{ }^\circ\text{C}$
 Used for 3-component measurement



Cable diagram

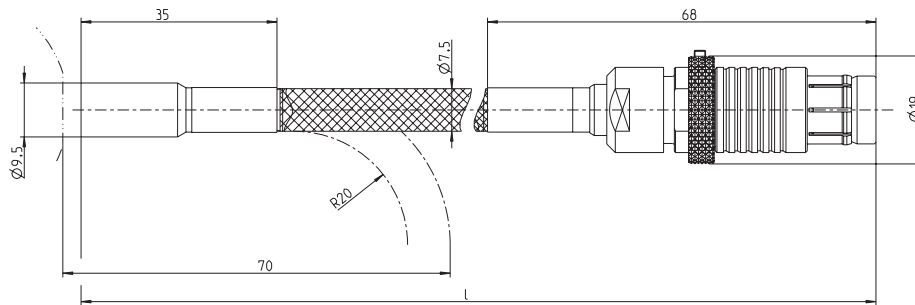


Cable plug V3 pos. Fischer 9-pole pos.
 Degree of protection IP65 IP65
 (EN60529)

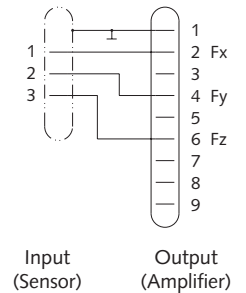
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Type 1698ACsp Connecting Cable for 3-Component Sensors with V3 neg. Connector (Protected Design)

Number of conductors 3
 Length (m) sp ($L_{\min} = 2 \text{ m} / L_{\max} = 5 \text{ m}$)*
 Cable protection Viton® hose, steel braided
 Temperature range $-40 \dots 120 \text{ }^\circ\text{C}$
 Used for 3-component measurement



Cable diagram



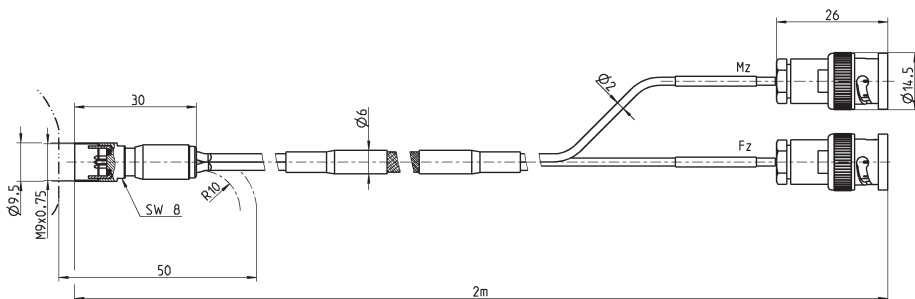
Cable plug V3 pos.
 Degree of protection IP67
 (EN60529) (Cable connector welded to sensor)

Fischer 9-pole pos.
 IP65

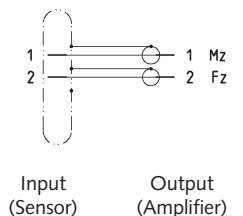
* The protecting hose is torsion proof. To allow a firm Fischer connection you have to order the cable length 0,5 m longer.

Type 1698AD2 Connecting Cable for 2-Component Sensors with V3 neg. Connector (Protected Design)

Number of conductors 2
 Length (m) 2/sp ($L_{\min} = 1 \text{ m} / L_{\max} = 10 \text{ m}$)
 Cable 2 x PFA green $\varnothing 2 \text{ mm}$ with plastic hose
 Temperature range $-40 \dots 120 \text{ }^\circ\text{C}$
 Used for 2-component measurement



Cable diagram



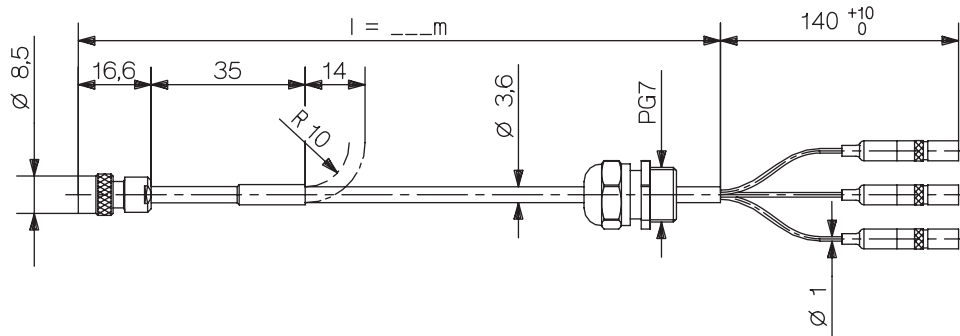
Cable plug V3 pos.
 Degree of protection IP65
 (EN60529)

2 x BNC pos.
 IP40

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Type 1693A... **Connecting Cable for 3-Component Sensors with M8x0,75 3-pole neg. Connector**

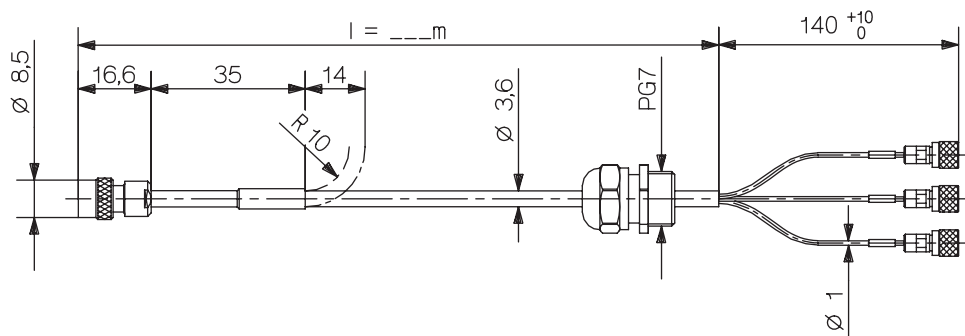
Number of conductors 3
 Length (m) 1/2/5/sp ($L_{\min} = 0,1 \text{ m} / L_{\max} = 20 \text{ m}$)
 Cable PFA black $\varnothing 3,6 \text{ mm}$ – 3 x PFA blue $\varnothing 1 \text{ mm}$
 Temperature range $-40 \dots 120 \text{ }^\circ\text{C}$
 Used for 3-component measurement



Cable plug	M8x0,75 3-pole pos.	3 x Mini-Coax neg.
Degree of protection (EN60529)	IP65	IP40

Type 1694A... **Connecting Cable for 3-Component 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 PFA black $\varnothing 3,6 \text{ mm}$ – 3 x PFA blue $\varnothing 1 \text{ mm}$
 Temperature range $-40 \dots 120 \text{ }^\circ\text{C}$
 Used for 3-component measurement

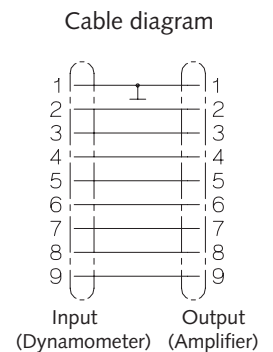
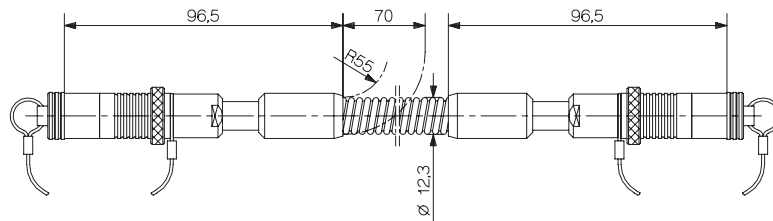


Cable plug	M8x0,75 3-pole pos.	3 x KIAG 10-32 pos.
Degree of protection (EN60529)	IP65	IP65

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Type 1681B... Connecting Cable for Multi-Component Dynamometer with Fischer 9-pole neg. Connector

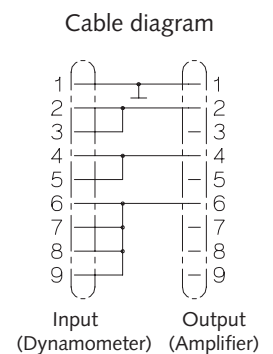
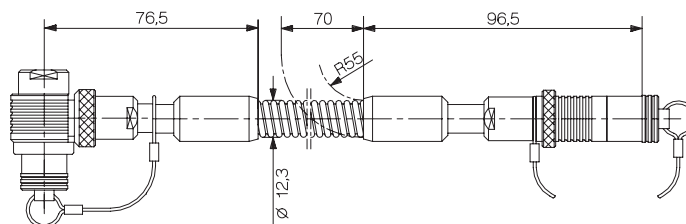
Number of conductors 8
 Length (m) 5/10/20/sp ($L_{\min} = 2 \text{ m}/L_{\max} = 20 \text{ m}$)
 Cable protection Flexible stainless steel hose
 Temperature range $-5 \dots 70 \text{ }^\circ\text{C}$
 Used for 6-component measurement



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

Type 1683Asp Connecting Cable for Multi-Component Dynamometer with Fischer 9-pole neg. Connector

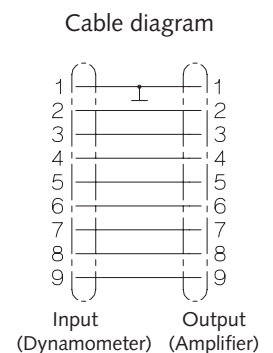
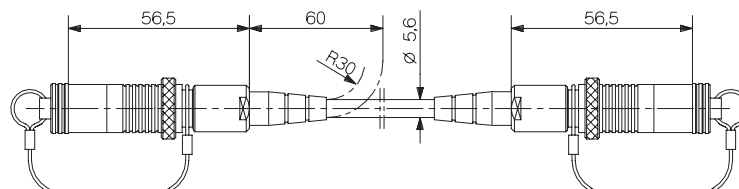
Number of conductors 3
 Length (m) sp ($L_{\min} = 2 \text{ m}/L_{\max} = 20 \text{ m}$)
 Cable protection Flexible stainless steel hose
 Temperature range $-5 \dots 70 \text{ }^\circ\text{C}$
 Used for 3-component measurement



Cable plug Fischer angle 9-pole pos. Fischer 9-pole pos.
 Degree of protection IP65 IP65
 (EN60529)

Type 1685B... Connecting Cable for Multi-Component Dynamometer with Fischer 9-pole neg. Connector

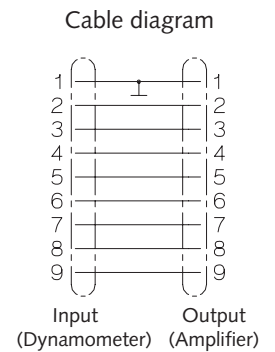
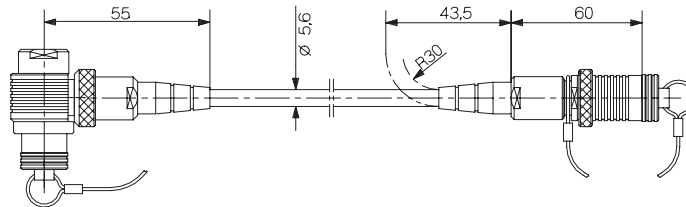
Number of conductors 8
 Length (m) 5/10/sp ($L_{\min} = 1 \text{ m}/L_{\max} = 20 \text{ m}$)
 Cable PFA black $\varnothing 5,6 \text{ mm}$
 Temperature range $-5 \dots 70 \text{ }^\circ\text{C}$
 Used for 6-component measurement



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

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 PFA black $\varnothing 5,6\text{ mm}$
 Temperature range $-5 \dots 70\text{ }^\circ\text{C}$
 Used for 6-component measurement

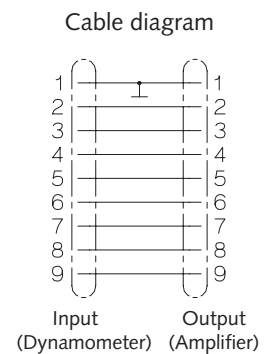
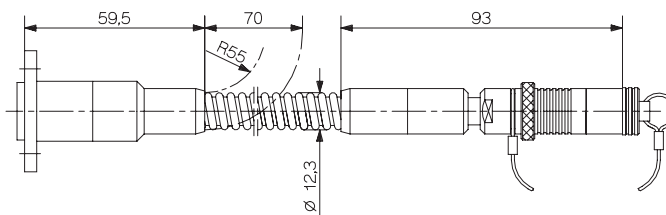


Cable plug Fischer angle 9-pole pos.
 Degree of protection IP65
 (EN60529)

Fischer 9-pole pos.
 IP65

Type 1677A... **Connecting Cable for Multi-Component Dynamometer with Fischer Flange 9-pole neg. Connector**

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

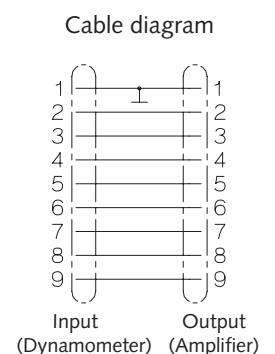
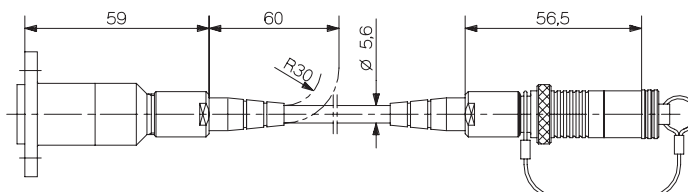


Cable plug Fischer flange 9-pole pos.
 Degree of protection IP67
 (EN60529)

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 PFA black $\varnothing 5,6\text{ mm}$
 Temperature range $-5 \dots 70\text{ }^\circ\text{C}$
 Used for 6-component measurement



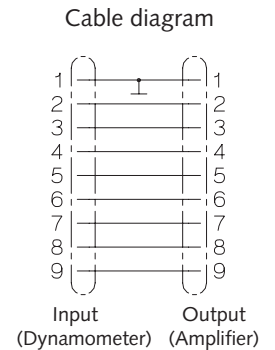
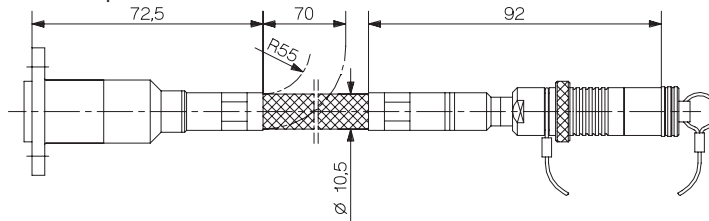
Cable plug Fischer flange 9-pole pos.
 Degree of protection IP65
 (EN60529)

Fischer 9-pole pos.
 IP65

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Type 1677AQ02sp Connecting Cable for Multi-Component Dynamometer with Fischer Flange 9-pole neg. Connector

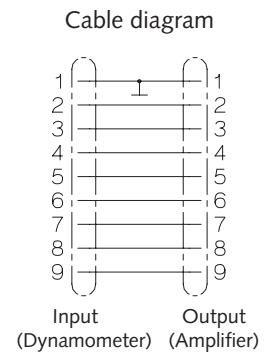
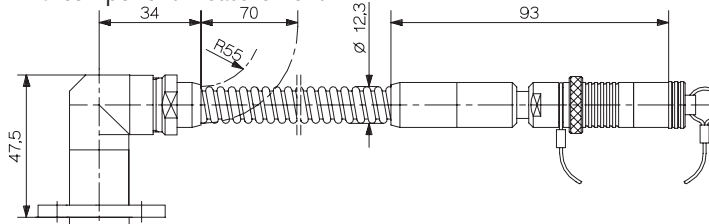
Number of conductors 8
 Length (m) sp ($L_{\min} = 1 \text{ m}/L_{\max} = 20 \text{ m}$)
 Cable protection Viton[®] hose, steel braided
 Temperature range $-5 \dots 70 \text{ }^{\circ}\text{C}$
 Used for 6-component measurement



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

Type 1679A... Connecting Cable for Multi-Component Dynamometer with Fischer Flange 9-pole neg. Connector

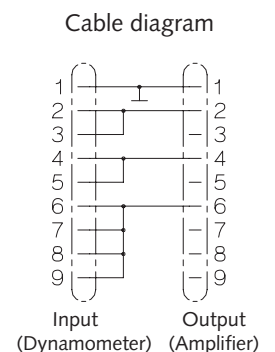
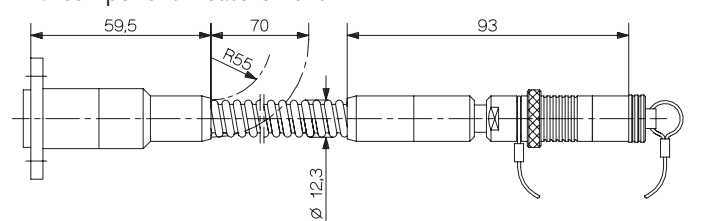
Number of conductors 8
 Length (m) 5/sp ($L_{\min} = 2 \text{ m}/L_{\max} = 20 \text{ m}$)
 Cable protection Flexible stainless steel hose
 Temperature range $-5 \dots 70 \text{ }^{\circ}\text{C}$
 Used for 6-component measurement



Cable plug Fischer flange angle 9-pole pos.
 Degree of protection IP67 (EN60529)
 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 ($L_{\min} = 2 \text{ m}/L_{\max} = 20 \text{ m}$)
 Cable protection Flexible stainless steel hose
 Temperature range $-5 \dots 70 \text{ }^{\circ}\text{C}$
 Used for 3-component measurement

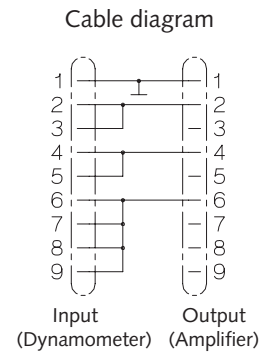
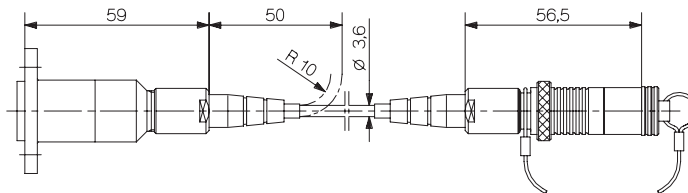


Cable plug Fischer flange 9-pole pos.
 Degree of protection IP67 (EN60529)
 Fischer 9-pole pos.
 IP65

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Type 1687BQ01sp Connecting Cable for Multi-Component Dynamometer with Fischer Flange 9-pole neg. Connector

Number of conductors 3
 Length (m) sp ($L_{\min} = 1 \text{ m}/L_{\max} = 20 \text{ m}$)
 Cable PFA black $\varnothing 3,6 \text{ mm}$
 Temperature range $-5 \dots 70 \text{ }^\circ\text{C}$
 Used for 3-component measurement

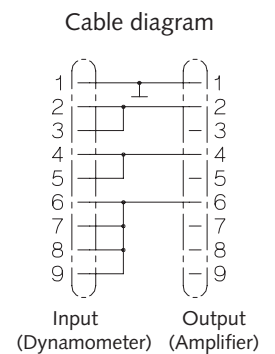
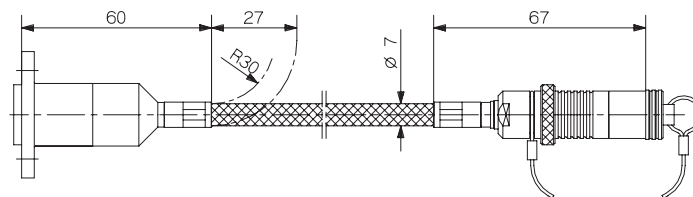


Cable plug Fischer flange 9-pole pos.
 Degree of protection IP65
 (EN60529)

Fischer 9-pole pos.
 IP65

Type 1687BQ02sp Connecting Cable for Multi-Component Dynamometer with Fischer Flange 9-pole neg. Connector

Number of conductors 3
 Length (m) sp ($L_{\min} = 1 \text{ m}/L_{\max} = 5 \text{ m}$)
 Cable protection Viton[®] hose, steel braided
 Temperature range $-5 \dots 70 \text{ }^\circ\text{C}$
 Used for 3-component measurement

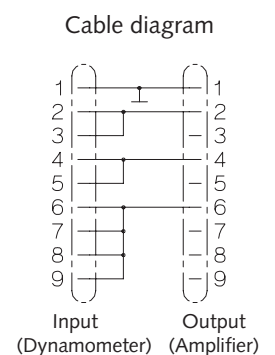
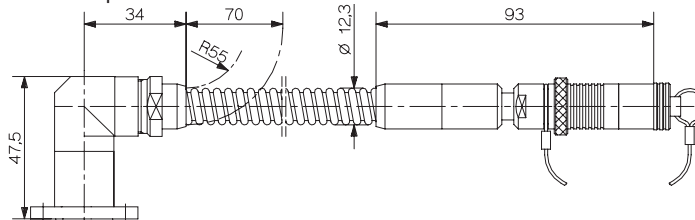


Cable plug Fischer flange 9-pole pos.
 Degree of protection IP67
 (EN60529)

Fischer 9-pole pos.
 IP65

Type 1689B... Connecting Cable for Multi-Component Dynamometer with Fischer Flange 9-pole neg. Connector

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



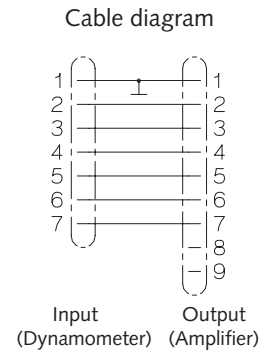
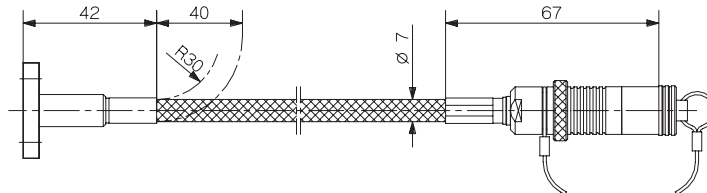
Cable plug Fischer flange angle 9-pole pos.
 Degree of protection IP67
 (EN60529)

Fischer 9-pole pos.
 IP65

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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 protection Viton® hose, steel braided
 Temperature range $-5 \dots 70 \text{ }^\circ\text{C}$
 Used for 5-component measurement

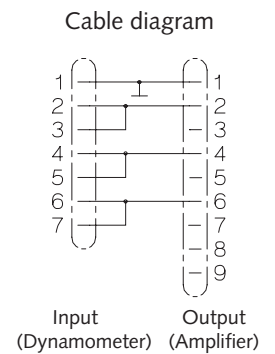
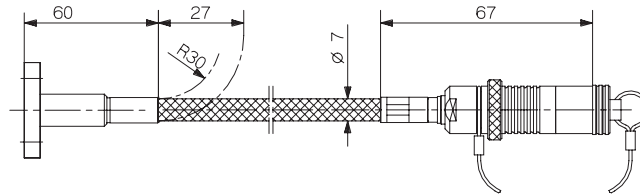


Cable plug Fischer flange 7-pole pos.
 Degree of protection IP67
 (EN60529)

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 protection Viton® hose, steel braided
 Temperature range $-5 \dots 70 \text{ }^\circ\text{C}$
 Used for 3-component measurement

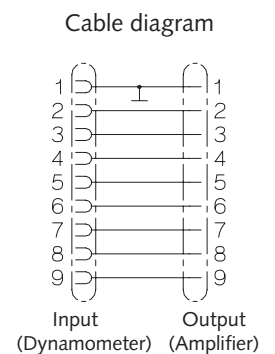
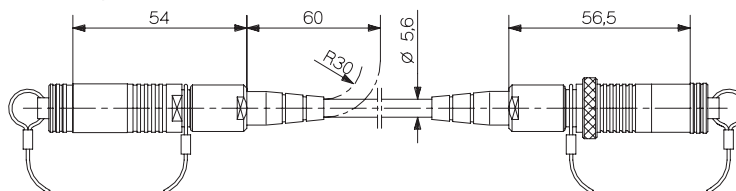


Cable plug Fischer flange 7-pole pos.
 Degree of protection IP67
 (EN60529)

Fischer 9-pole pos.
 IP65

Type 1678A... **Extension Cable**

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



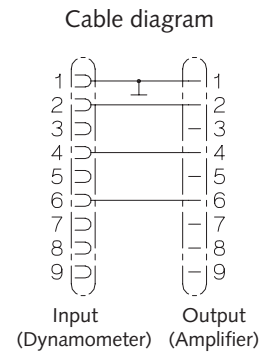
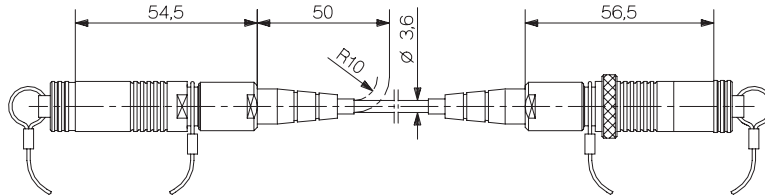
Cable plug Fischer 9-pole neg.
 Degree of protection IP65
 (EN60529)

Fischer 9-pole pos.
 IP65

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Type 1688B Extension Cable

Number of conductors 3
 Length (m) 5/sp ($L_{\min} = 1 \text{ m} / L_{\max} = 20 \text{ m}$)
 Cable PFA black $\varnothing 3,6 \text{ mm}$
 Temperature range $-5 \dots 70 \text{ }^\circ\text{C}$
 Used for 3-component measurement



Cable plug Fischer 9-pole neg. Fischer 9-pole pos.
 Degree of protection IP65 IP65
 (EN60529)

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