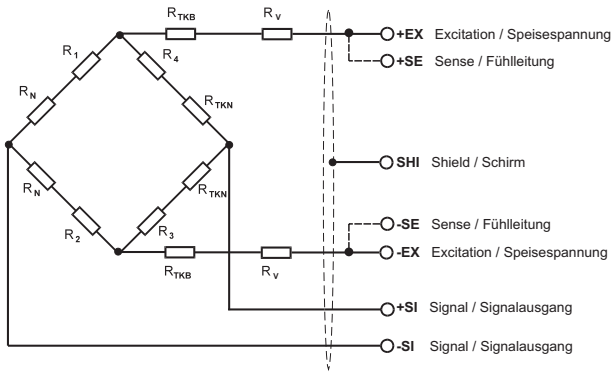


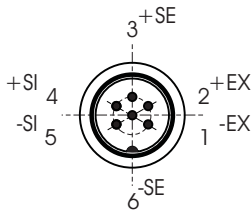
Force Transducer Pin Assignment

Force transducer with bridge output Wiring Code

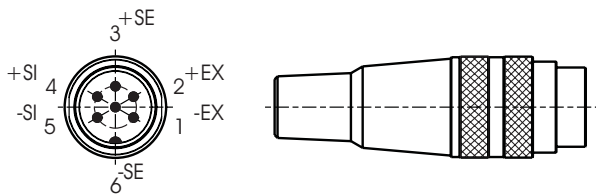


Connections

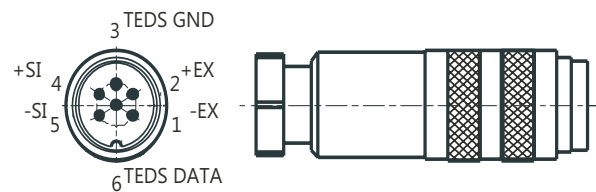
	4-wire		TEDS		6-wire	
		1	2	TEDS-M		DIN
+EX	brown	red	red	2	brown	brown
-EX	yellow	black	blue	1	green	yellow
+SI	green	green	green	4	red	green
-SI	white	white	white	5	white	white
+SE	-			ID	grey	grey
-SE	-			ID	blue	rose
SHI	black	yellow	black		black	black



KKC 043 Flange on the sensor housing,
view at plug front

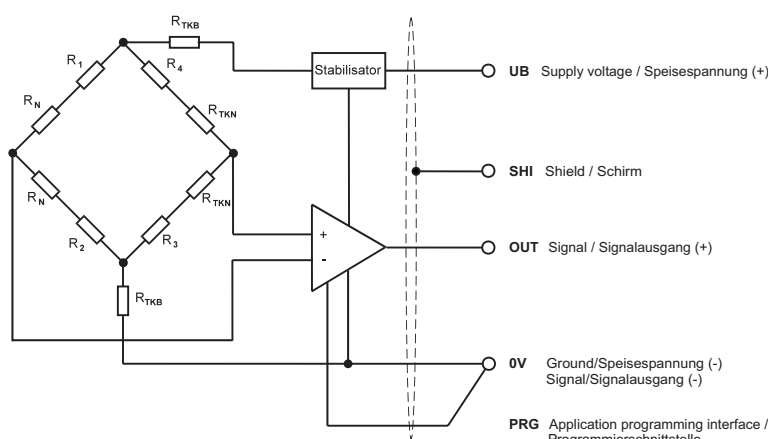


KKC 041, 6-pin plug connected to sensor cable,
view at plug front



KKC 071 6-pin plug connected to sensor cable (TEDS)
view at plug front

Force transducer with standard signal output Wiring Code



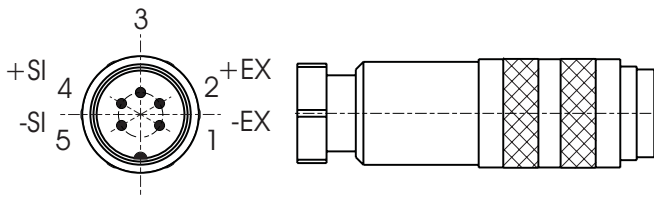
Connections valid from 2008

	DIN	1	2	3
UB	brown	red	red	white
0V	yellow	black	blue	brown
OUT	green	green	green	blue
SHI	black	yellow	black	yellow
PRG	white	white	white	white

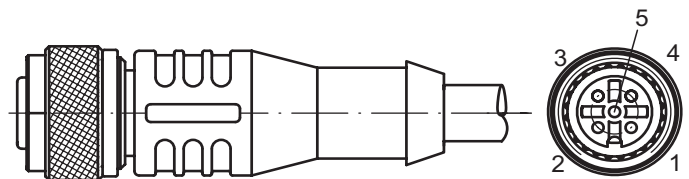
(0V and PRG to be connected by the customer)

* does not apply to KAL, KSW-3R

Customer-specific options



Flange plug XKC 066 instead
of free cable ends view at plug front



Cable XKC 046.03, 5m, with cable box IP68

Preferred assignment

		XKC 066	XKC 046
0V	Ex-	1	1
UB	Ex+	2	2
OUT	SI+	4	3
0V/PRG	SI-	5	
Signal	Bridge	-	

PIN-assignment

	XKC 046		XKC 066
1	yellow	brown	yellow
2	brown	white	brown
3	green	blue	-
4	white	black	green
5	-	green	white



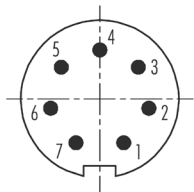
<= XKC 063



XKC 062 =>

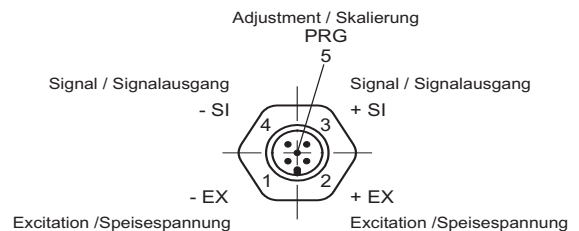


Cable with flange plug coupling
socket 7-pin and 6-pin coupling plug
for AE 703



View at plug front

	Pin
+EX	2
-EX	1
+SI	4
-SI (TEDS-M)	5
+SE	3
-SE (TEDS-M)	7
SHI	



Flange plug XKC 044.01
at sensor housing

Special cables for force transducer
(Use type code when ordering)

Type Code	Conductor (mm ²)	Cable-Ø (mm)	Colors of conductor	Cable sheath	Description	Drag chainable	Halogen free	Oil resistant	Refractory	Seawater resistant
30001559	4x0.25	4.40	DIN	PUR	SD 200 C	X	X	X		
30002472	4x0.50	5.40	DIN	PUR	SD 200 C	X	X	X		
30002994	4x0.14	4.50	1	PUR	Superflex-Tronic-C-PUR	X	X	X		
30001366	4x0.50	7.55	2	Radox 125	K414, -40°C ... +120°C		X		X	X
30000962	4x0.14	5.00	Standard	PUR	DATAPUR-C			X		X
30003056	4x0.25	5.40	Standard	PUR	DATAPUR-C			X		X
30001080	4x0.50	7.20	Standard	PVC	Durable cable for large transducer					
30000581	4x0.14	2.90	1	Teflon	430-FST, high temperature cable -69...+260°C				X	