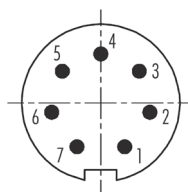


Wiring Code

Connection plug
Binder 711, 7-pin



	Pin
+EX	2
-EX	1
+SI	4
-SI	5
+SE	3
-SE	7
SHI	

Specifications

Accuracy Class	% F _{nom}	0.5
Rated load (F _{nom})	kN	30
Maximum operating force (F _G)	% F _{nom}	150
Breaking force (F _B)	% F _{nom}	> 300
Rated characteristic value (C _{nom})	mV/V	1.000 ± 0.05
Relative deviation of zero signal	%	≤ 3
Maximum excitation voltage (U _{ref})	VDC	≤ 10
Input resistance (R _e)	Ω	740 ± 34
Output resistance (R _a)	Ω	700 +5
Insulation resistance (R _{is})	Ω	> 5 × 10 ⁹
Relative linearity error (d _{lin})	%	≤ 0.5
Relative reversibility error (v)	%	≤ 0.5
Temperature effect on zero signal (TK ₀)	% / 10K	≤ 0.1
Temperature effect on characteristic value (TK _c)	% / 10K	≤ 0.1
Relative creep over 30 minutes (d _{cr, F+E})	%	≤ 0.5
Reference temperature (T _{ref})	°C	+23
Rated temperature range (B _{T, nom})	°C	+5 ... +70
Operating temperature range (B _{T, G})	°C	-20 ... +80
Environmental protection (EN 60529)		IP 67

All data according to VDI/VDE/DKD 2638

Order Example

Type Code	Description
KMR-F/30kN/0.5	Force transducer 30kN with 0.5 % accuracy
	Accuracy class
	Rated load
	Model

Accessoires / Options

	Type code	Description	
Cable	40020491	7-pole cable socket with cable 5m (8x0,14mm ²) with free cable ends	<ul style="list-style-type: none"> 1 white 2 brown 3 green 4 yellow 5 grey 6 pink 7 blue