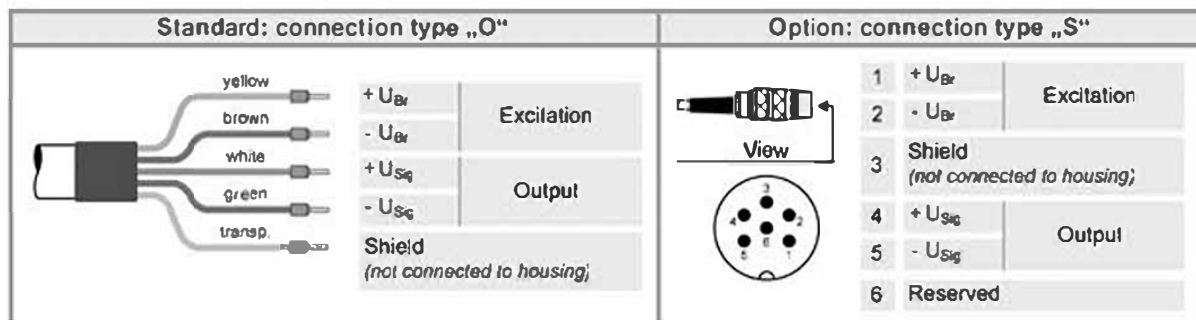


Technical Data - SK 224 FM

Type of sensor	SK 224 FM	
Rated measuring ranges available (F_N)	kN	0 to 5 / 0 to 10 / 0 to 15
Rated output	mV/V	1.0
Rated output tolerance	%	$< \pm 0,1$
Accuracy class		0.3
Excitation voltage max.	V	12
Reference excitation voltage	V	10
Input resistance	Ω	1000 ± 4
Output resistance	Ω	1000 ± 2
Isolation resistance	G Ω	> 5
Rated temperature range	$^{\circ}\text{C}$	-10 to +50, Option: -10 to +70
Operational temperature range	$^{\circ}\text{C}$	-10 to +70
Storage temperature range	$^{\circ}\text{C}$	-30 to +80
Reference temperature	$^{\circ}\text{C}$	+23
Temperature influence per 10 $^{\circ}\text{C}$		
- on the zero point	% F_N	$< \pm 0,1$
- on the calibration	% F_N	$< \pm 0,15$
Creep after 30 minutes	% F_N	$< \pm 0,05$
Ultimate load	% F_N	approx. 150
Ultimate side load	% F_N	100
Typical deflection at nominal force	mm	$\frac{?}{100}$
Typical resonant frequency of the sensor	kHz	> 3 , depending on nominal force
Weight	g	approx. 1100
Connection cable	robust, flexible, shielded 4 x 0,25mm ² , cable diam. 5mm , 3m long, open ends with splices	
Sensor covering	stainless steel	
System of protection	IP 67	

Connections



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