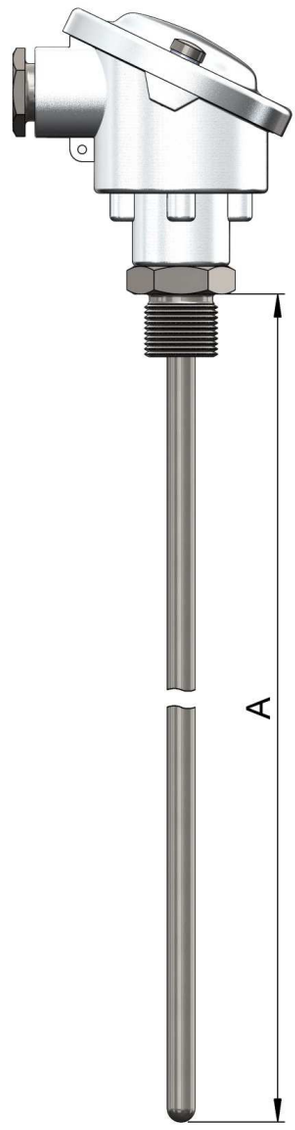
Mineral-insulated thermocouple

with box B and fixed thread

Technical features					TYPE: MTB 510
thermocouple	thermocouple	plus	minus	norm	
	Type K	NiCr	NiAl	IEC 584	
	Type J	Fe	CuNi	IEC 584	
	Type L	Fe	CuNi	DIN 43710	
	Type T	Cu	CuNi	IEC 584	
	Type N	NiCrSi	NiSi	IEC 584	
	Type E	NiCr	CuNi	ICE 584	
sensor	1 or 2				
tolerance	Class 1 DIN IEC 584				
insulation material	MgO				
sheath material	304 / 1.4301				
	316L / 1.4404				
	310S / 1.4845				
	inconel600				
	Nicromil ①				
probe diameter	3.0 mm 4.0 mm 5.0mm 6.0 mm				
	other diameter on request				
bending radius	minimum 5 x the external diameter				
probe length(A)	please specify				
electric connect	M20*1.5				
output	thermocouple(mV) (standard)				
	4~20mA				
	4~20mA (HART)				
	0~10V				
	0~10V (HART)				
	other output on request				
hot junction	insulated (standard)				
	uninsulated				
fixed thread	see attached list 1				



① , Nicromil Highly resistant to general corrosion and stress-corrosion cracking.Can be operated up to 1250° C.