



## TECHNICAL SPECIFICATION

Output signal type	thermoresistance
Sensing element	Pt1000 $\Omega$ @ 0°C
Sensing Element configuration	single 2-wire
Accuracy class in accordance to IEC751 (*) (*) The accuracy class is valid only in the temperature range indicated by the norm	cl. B
Sensing element operating temperature range	-40 $\div$ 100°C
Sheath diameter d	$\varnothing$ 8 mm
Taper diameter	tapered $\varnothing$ 4 mm
Taper length	for 100 mm
Sheet material	AISI 316L
Insulation resistance	100 M $\Omega$ @ 100 Vdc.
Stem length L	150 mm
Handle material	food approved TPE thermoplastic rubber
Cable conductors	copper tinned
Number of cable conductors	4
Conductor dimension	AWG 24
Conductor feature	strand (7 wire)
Primary insulation	PP (polypropylene)
Primary insulation colour	2 white, 2 red
Secondary insulation	TPE (thermoplastic rubber) 75 shore A suitable for use with foods
Secondary insulation colour	black
Cable size or external shape	about $\varnothing$ 4 mm
Cable working temperature	-40 $\div$ 105°C (6h @150°C)
Note	for use with FOODS
Cable extension E	700 mm 1500 mm
Voltage supply of the heating circuit	24 Vdc. / 24 Vac.
Heating circuit resistance	51.5 $\pm$ 5% ohm
Maximum electric power of the heating circuit	~11W
FCM Prescriptions	Before the use is required to wash the food contact areas
Contact food type	all the foods
Materials in contact with food	AISI 316L BLACK PP TPE NERO
Type of contact	short and frequently
Area suitable for contact	see specific drawing
Contact food temperature range	-40 $\div$ 100°C