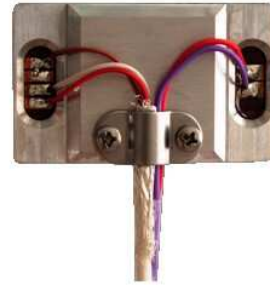


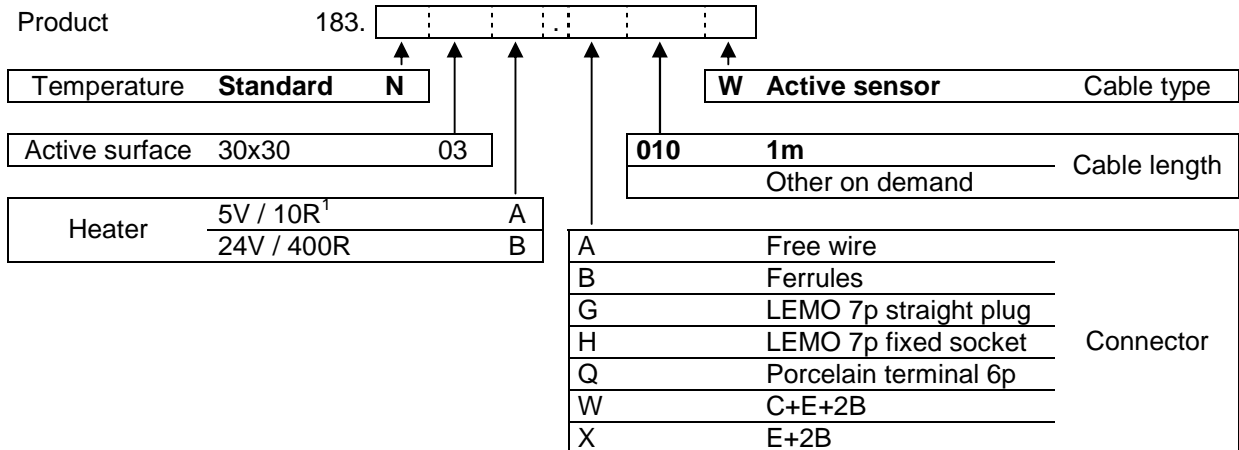
- Active sensor
- Conductive type
- Heat flux and temperature measurement
- Integrated heater
- Integration and immunity mass



**DESCRIPTION**

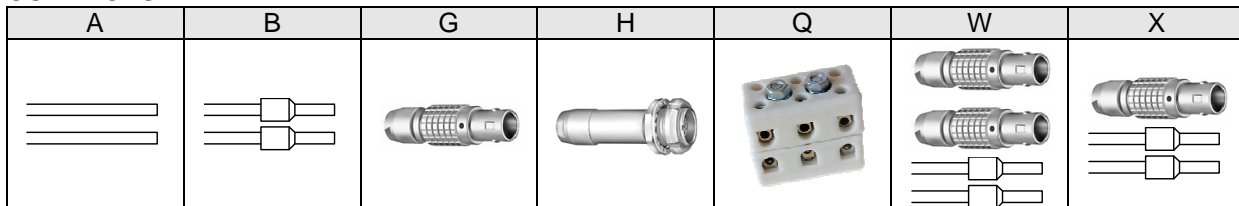
RTM sensors are conductive heat flux sensors designed for autoclaves, ovens and flat tools. Typical applications are RTM, infusion and autoclave process in aerospace, marine and automotive industries. They must be pasted on the vacuum bag. The aim is to detect the passage of the front resin, then measure the curing of the resin.

**PRODUCT NUMBER**



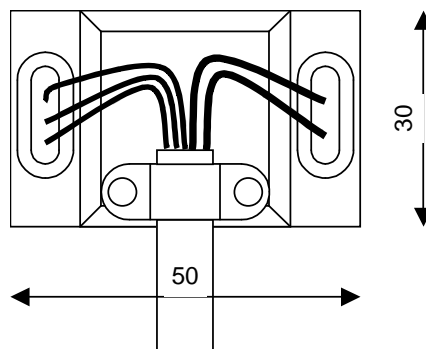
<sup>1</sup> Need an adaptation module type 155.0.xx

**CONNECTOR**



Technical information in product note n°TFX-002-B-e n

**DIMENSIONS**



### THERMAL CHARACTERISTICS

Symbol	Parameter	Coating	Min	Typ	Max	Unit
T <sub>nom</sub>	Operating temperature	Standard	-25		+150	°C

### ELECTRICAL CHARACTERISTICS

#### HEAT FLUX

Symbol	Parameter	Min	Typ	Max	Unit
BW	Bandwidth		50		Hz
V <sub>isol</sub>	Breakdown voltage		50		Vac
V <sub>nom</sub>	Output voltage		±10		mV

#### THERMOCOUPLE

Symbol	Parameter	Min	Typ	Max	Unit
Type	Thermocouple type		T		
Range	Temperature measurement	-200		400	°C

#### HEATER

Symbol	Parameter	A			B			Unit
		Min	Typ	Max	Min	Typ	Max	
R	Resistor		10			400		Ω
U <sub>max</sub>	Maximum voltage		5			24		V
I <sub>max</sub>	Maximum current		500			60		mA
P <sub>max</sub>	Maximum power		2.5			1.44		W

#### CONTENU

- 1 sensor

TFX SA reserves the right to change the circuitry and specifications without notice at any time.