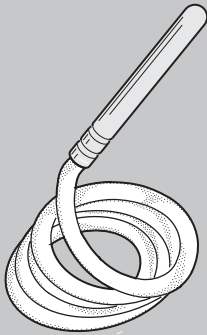


**EK083 universal probe**



- to associate with EK186 thermostat
- to associate with EK187 thermostat and EK618 time programmable thermostat (for those applications insert in series with the probe a resistance of 1500Ω)

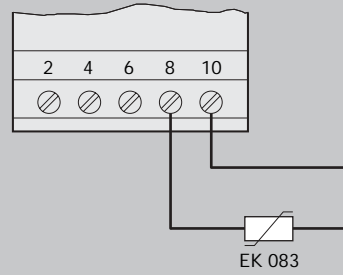
EK083: 10 kOhms at 25°C  
cable length: 4m

**Environment**

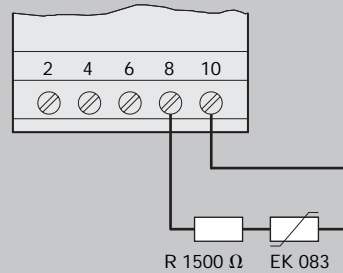
- working temperature: -30 to +90°C
- stocking temperature: -30 to +100°C

**Electrical connection**

- associated with EK186



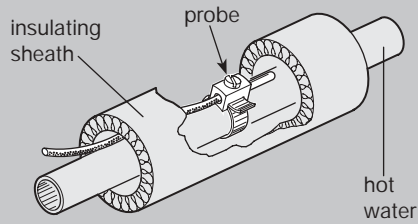
- associated with EK187 - EK618



**Examples of applications**

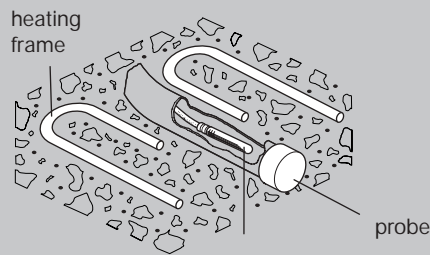
**use with the clamp collar**

- for the control of hot water

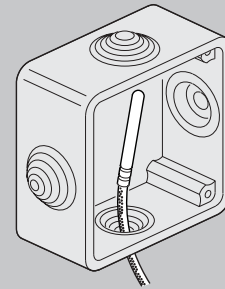


**use without the clamp collar**

- protected by a sheath for the control of floor temperature



- used as an external probe in a weatherproof box



**Resistance of probes according to temperature**

temperature	EK083	EK081 *	EK081 ** EK082
T (°C)	R (kΩ)	R (kΩ)	R (kΩ)
+ 90	0.91	on a wall	
+ 80	1.25	1.25	2.83
+ 70	1.75	1.75	3.33
+ 50	3.60	3.60	5.18
+ 30	8.06	8.06	9.64
+ 25	10	10	11.58
+ 20	12.49	12.49	14.07
+ 15	15.71	15.71	17.28
+ 10	19.90	19.90	21.48
+ 05	25.39	25.39	26.98
+ 00	32.65	32.65	34.23
- 5	42.31	-	-
- 10	55.29	-	-
- 15	72.89	-	-
- 20	96.97	-	-
- 25	130.24	-	-
- 30	176.68	-	-

Face value at 25°C

**Note:** \*association with EK186

\*\*association with EK187 and EK618