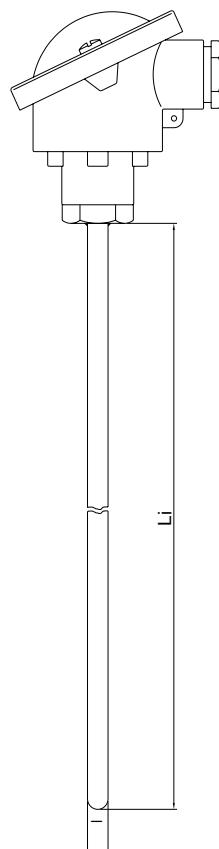
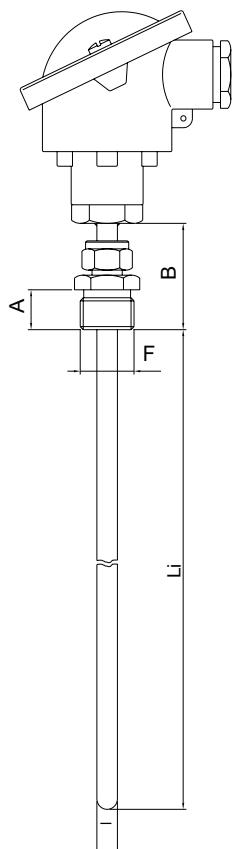
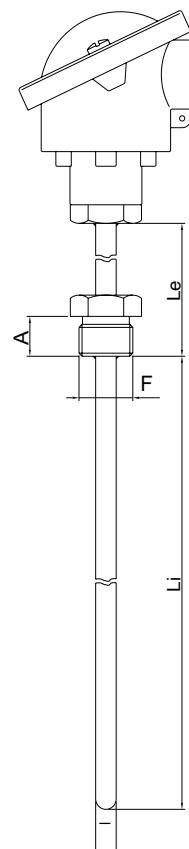
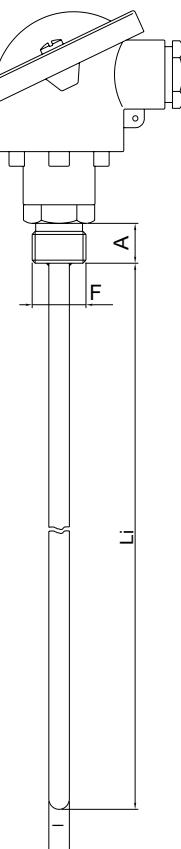
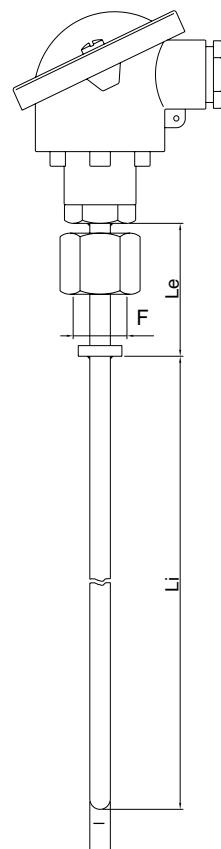
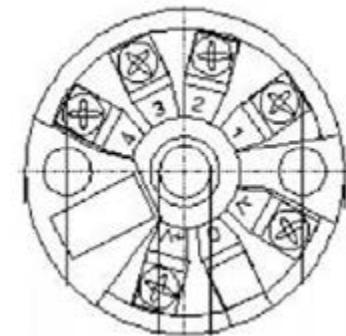
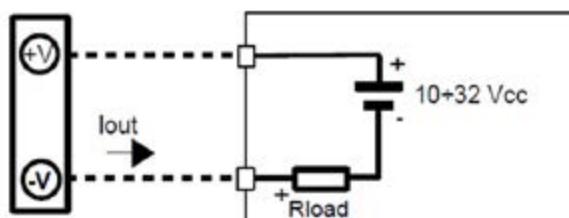
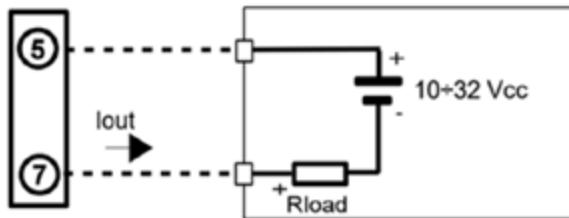


**Main features**

- Transmitter 4...20mA
- Amplified output signal
- Temperature limits: - 40 ... + 300° C
- Valid reference tolerances for the sensing element only:
UNI 7937, IEC 751 standards:
 - ± 0.15° C a 0° C for class A (1/2 DIN)
 - ± 0.30° C a 0° C for class B (1 DIN)
 - ± 0.10° C a 0° C for class 1/3 DIN
- Ceramic insulation of sensor, PT100 at 0° C
- Application versatility

MODELSAR6 A
without fittingAR6 B
with adjustable
compression fittingAR6 C
with welded fittingAR6 D
with welded fitting
under the headAR6 E
with female fitting
and welded ring

CONVERTER TECHNICAL SPECIFICATIONS



Power supply

Power supply voltage 12 .. 30 Vdc
Reverse polarity protection 60 Vdc max

Linearity (*)

TC $\pm 0,2\%$ f.s.

RTD $\pm 0,1\%$ f.s.

(*) referred to input Span (difference between max. and min. values)

Output type (current)

Min 4mA

Max 20mA

Thermal drift

Full scale $\pm 0,01\% / ^\circ\text{C}$

CJC $\pm 0,01\% / ^\circ\text{C}$

Temperature and Humidity

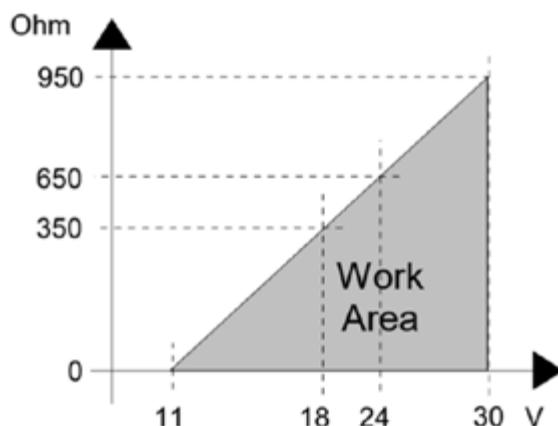
Operative temperature -40°C .. +85°C

Storage temperature -40°C .. +85°C

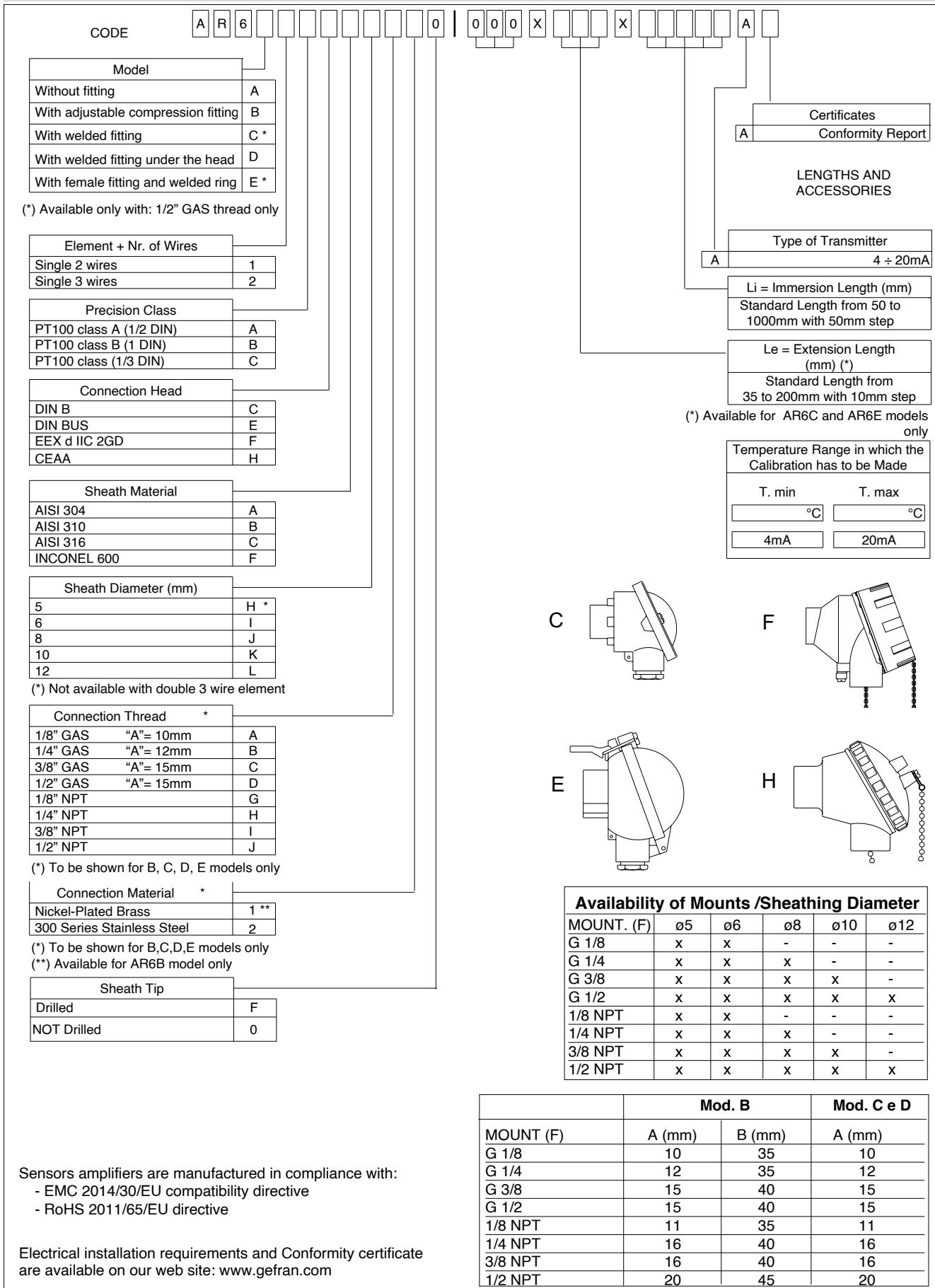
Humidity (not condensed) 0 .. 90 %

Load characteristic - Rload

(maximum load value on current loop per power supply value)



ORDER CODE

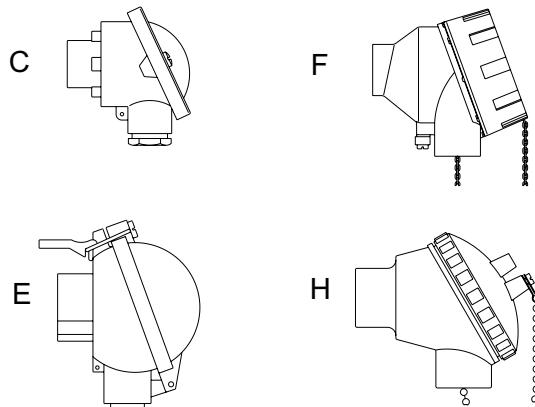


Sensors amplifiers are manufactured in compliance with:

- EMC 2014/30/EU compatibility directive
- RoHS 2011/65/EU directive

Electrical installation requirements and Conformity certificate are available on our web site: www.gefran.com

GEFRAN spa reserves the right to make any kind of design or functional modification at any moment without prior notice



Availability of Mounts /Sheathing Diameter					
MOUNT. (F)	ø5	ø6	ø8	ø10	ø12
G 1/8	x	x	-	-	-
G 1/4	x	x	x	-	-
G 3/8	x	x	x	x	-
G 1/2	x	x	x	x	x
1/8 NPT	x	x	-	-	-
1/4 NPT	x	x	x	-	-
3/8 NPT	x	x	x	x	-
1/2 NPT	x	x	x	x	x

	Mod. B		Mod. C e D
MOUNT (F)	A (mm)	B (mm)	A (mm)
G 1/8	10	35	10
G 1/4	12	35	12
G 3/8	15	40	15
G 1/2	15	40	15
1/8 NPT	11	35	11
1/4 NPT	16	40	16
3/8 NPT	16	40	16
1/2 NPT	20	45	20

GEERAN

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