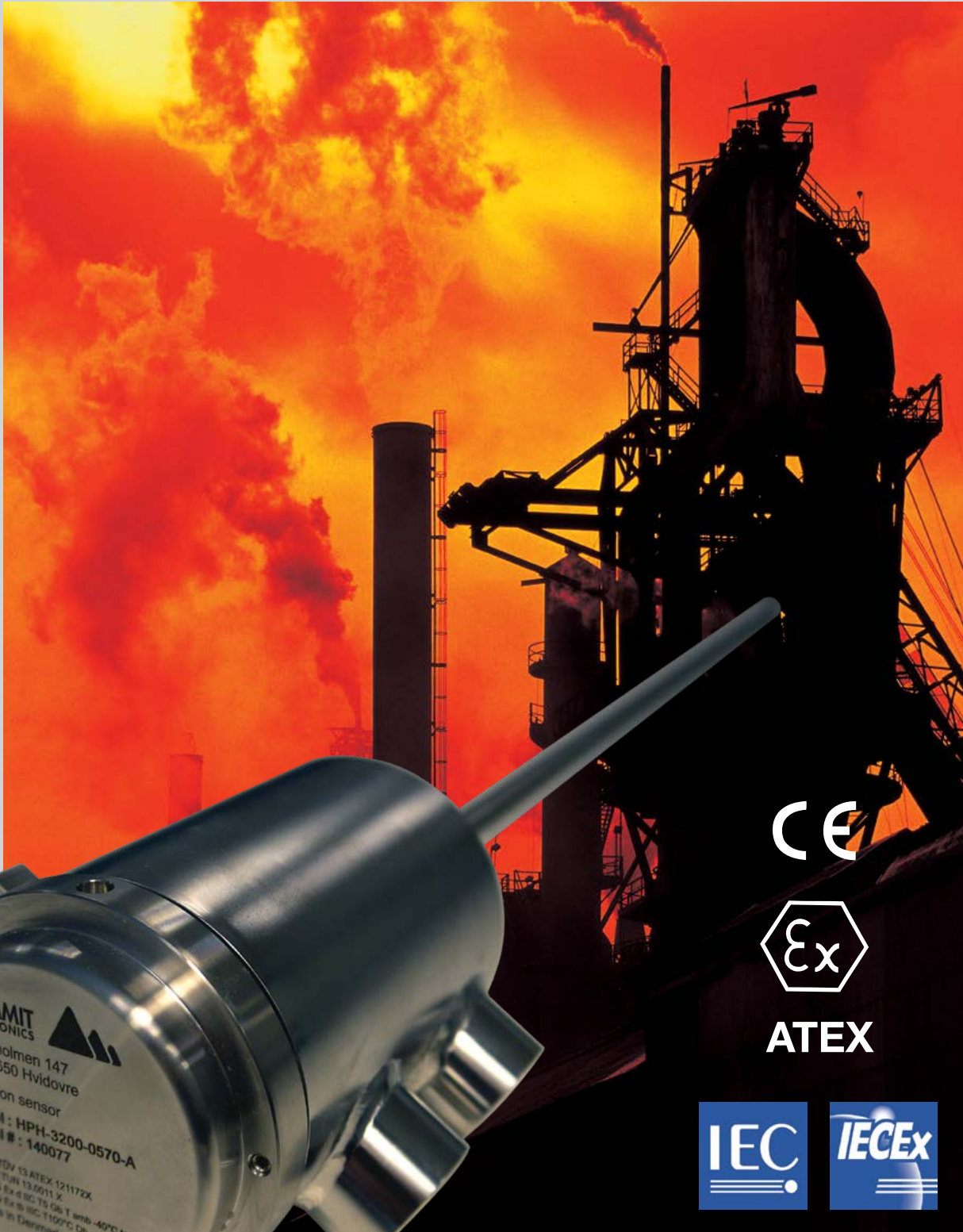


High Pressure Housing

For Temposonics position sensors

Custom designs



SUMMIT ELECTRONICS
Stamholmen 147
DK-2650 Hvidovre
Position sensor
Model : HPH-3200-0570-A
Serial # : 140077
CE 3044 TDV 13 ATEX 121172X
IECEx TUN 13.0011 X
S 1220 Ex d IIC T5 Gb T amb -40°C to +75°C
S 1220 Ex b IIC T100°C Db
Made in Denmark

CE



ATEX



SUMMIT ELECTRONICS



Precision Position Measurement High Pressure Housing

This High Pressure Housing is **ATEX-IECEX approved** for use in **hazardous locations** with Temposonics position sensors.

These approvals cover flammable gases, vapors, liquids and dust.

The housing is made to fit Temposonics G-series analog + start/stop sensors, R-series sensors with analog and digital output only. When using a standard sensor in this housing you get a cost efficient solution for use in hazardous locations which also allows easy sensor replacement.

Different designs are available to fit your application:

M18 or Fits Ø 25 f7 Mounting flange.

M20 Cable gland thread: Single or dual side-mounted. See Combination Chart

All parts are made of 316L Stainless steel as standard.

Technical Data:

Protection type:
ATEX:
IECEX

 0044 TÜV 13 ATEX 121172 X



IECEX TUN 13 0011 X
II 1/2 G Ex d IIC T5⁽¹⁾ Gb T_{amb} -40° to +75°C⁽²⁾
II 1/2 D Ex tb IIIC T100C Db

IEC 60079-0:2011, IEC 60079-1:2007, IEC 60079-26:2006, IEC 60079-31,
EN 60079-0:2009, EN 60079-1:2007, EN 60079-26:2007, EN 60079-31:2009

Only with ATEX and IECEX approved cable glands

Material: Stainless Steel AISI 316L (1.4404)

Cable Gland Threads: M20 x 1,5

Ingress protection code: IP68 (only with IP68 approved cable gland)

Approved sensors:
G-series analog + start/stop sensors
R-series analog
R-series Profibus
R-series CANBUS
R-series SSI
R-series DeviceNet

Mounting Flange: M18 x 1,5 or Fits Ø 25 f7

Pressure rating: 350 Bar continuous

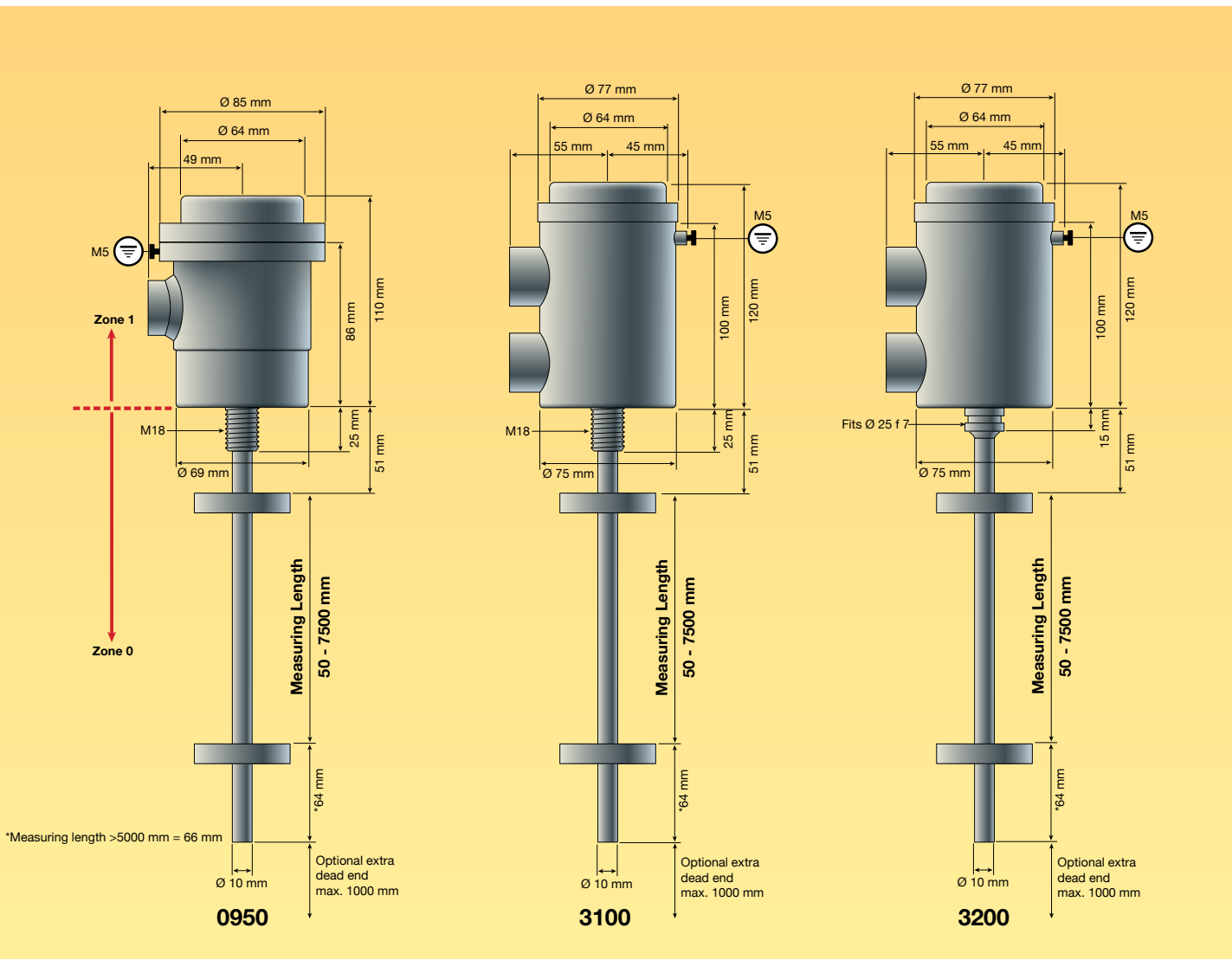
Peak Pressure: 530 Bar

Magnet type: GF plastic with permanent magnet

Level Measurement: Float on request

1. Optional temperature class T3

2. T_{amb}⁺ is limited to max T_{amb}⁺ of used sensor -10°C



Ordering information:

Type number code:

HPH-XXXX-XXXX-XX

Choose a design combination from the chart below.

Measuring length (see drawing on opposite side)

Approved or **N**on-approved version:

1 Optional label with temperature class T3

2 Extra dead end max. 1000 mm

Example: Approved short housing with M18 mounting threads and one side mounted cable gland with M20 threads and a measuring length of 650 mm:

HPH-0950-0650-A

Accessories

M20 Stopping plug, ATEX, nickel plated brass

M20 Cable gland, ATEX 4-8,5 mm, nickel plated brass

M20 Cable gland, ATEX 10-16 mm, nickel plated brass

M20 x 1.5 Cable gland, ATEX 4-8.5 mm cable diameter, stainless steel

M20 x 1.5 Cable gland, ATEX 10-16 mm cable diameter, stainless steel

316 L Steel nut for flange

Spanner tool design 0100 to 2100

Spanner tool design 3000 to 3500

Item No.

CGM-190204

CGM-806675

CGM-806605

CG-806679

CG-806609

M18 x 1.5

HPHX-Series-0100

HPHX-Series-3000



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DK-2650 Hvidovre
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CE 0944 10V 13 ATEX 121172X
030824 TUN 13.0911 X
0 0001 84 6 SC 10 Gb T amb -40°C to +75°C
Made in Denmark

Your local representative

SUMMIT
ELECTRONICS



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