

### NEW: Pressure transmitter type 560

The type 560 is based upon the millionfold proved and well known Huba Control stainless steel sensor technology. Thanks to its hermetically welded construction, it is ideal for refrigerants and media from safety classes A2L and A3. Due to a large selection of pressure connections, the pressure transmitter can be optimally integrated into a wide range of applications.

#### Advantages type 560

- Hermetically welded construction without elastomer seal enables use in a wide range of refrigerants
- Two colour design of the connectors for visual identification of different pressure zones in the application – to optimise the process reliability during assembly or service
- Soldered pipe version for copper-to-copper soldering and easy integration into tube systems
- Evaluation of correct operation and failure conditions according to DIN EN 60335-2-40 for use in systems with flammable refrigerants
- Guarantee of high quality through 100 % leakage control with helium during production

#### Type 560 variants

| Huba type 560 <sup>1)</sup>                  | Technical data  |
|--|---|
| Pressure range relative                      | - 1 ... 150 bar   |
| Pressure range absolute                      | 0 ... 18 bar  |
| Accuracy                                     | ± 0.5 % FS  |
| Temperature range                            | -40 ... +125 °C (other temp. on request)  |
| Electrical connection (optional in RAL 7035) | Metri Pack 150 P2S<br>Swift connector   |
| Pressure connection/inside thread            | 7/16-20 UNF (Schrader)  |
| Pressure connection/Outside thread           | 7/16-20 UNF<br>1/4-18 NPT<br>G1/4<br>Copper soldered pipe Ø 6 mm                            |
| Signal/output                                | ration. 10 ... 90 %<br>4 ... 20 mA  |
| Approvals                                    | UL: ANSI/UL 61010-1 acc. E325110 <sup>2)</sup><br>EMC: CE conformity acc. EN 61326-2-3:2013 |



<sup>1)</sup> Available in 2024    <sup>2)</sup> Approval pending

#### Huba Control AG

Headquarters Schweiz  
Industriestrasse 17  
CH-5436 Würenlos  
Telefon +41 56 436 82 00  
Fax +41 56 436 82 82  
info.ch@hubacontrol.com

#### Huba Control AG

Niederlassung Deutschland  
Schlattgrabenstrasse 24  
D-72141 Walddorfhäslach  
Telefon +49 7127 2393 00  
Fax +49 7127 2393 20  
info.de@hubacontrol.com

#### Huba Control SA

Succursale France  
Rue Lavoisier  
Technopôle Forbach-Sud  
F-57602 Forbach Cedex  
Téléphone +33 3 87 84 73 00  
Télécopieur+33 3 87 84 73 01  
info.fr@hubacontrol.com

#### Huba Control AG

Vestiging Nederland  
Hamseweg 20A  
NL-3828 AD-Hoogland  
Telefoon +31 33 433 03 66  
Telefax +31 33 433 03 77  
info.nl@hubacontrol.com

#### Huba Control USA, Inc.

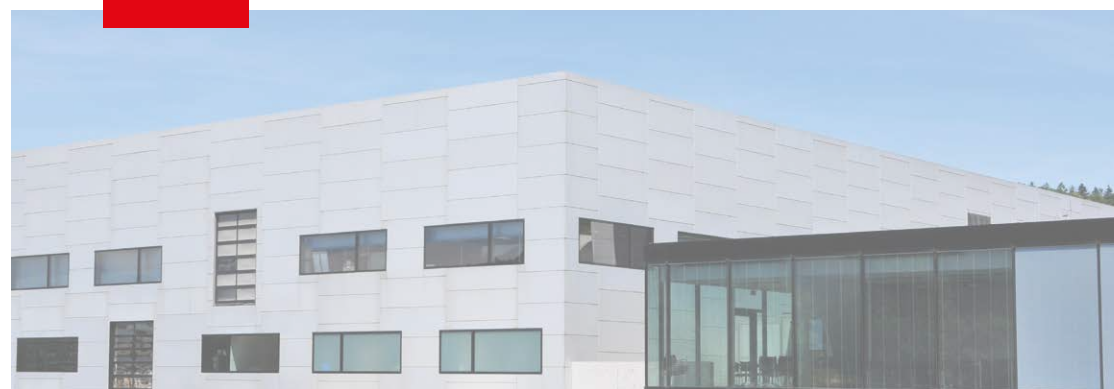
Office United States of America  
303 Wyman Street  
Suite #300  
Waltham MA 02451  
Tel: +1 866-6HUBACO (+1 866-648-2226)  
info.usa@hubacontrol.com

#### Huba Control AG

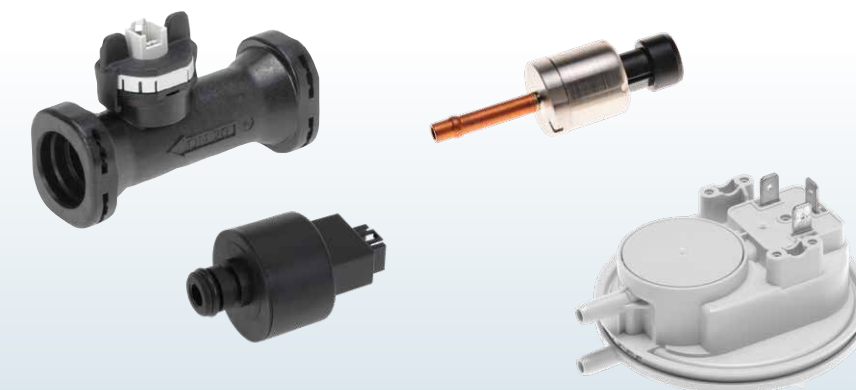
Branch Office United Kingdom  
Unit 13 Berkshire House, County Park  
Business Centre, Shrivenham Road  
Swindon Wiltshire SN1 2NR  
Phone +44 1993 77 66 67  
Fax +44 1993 77 66 71  
info.uk@hubacontrol.com

[www.hubacontrol.com](http://www.hubacontrol.com)

V01 / 2023-03



## Pressure transmitter & flow sensors



## Sensor solutions for heat pumps

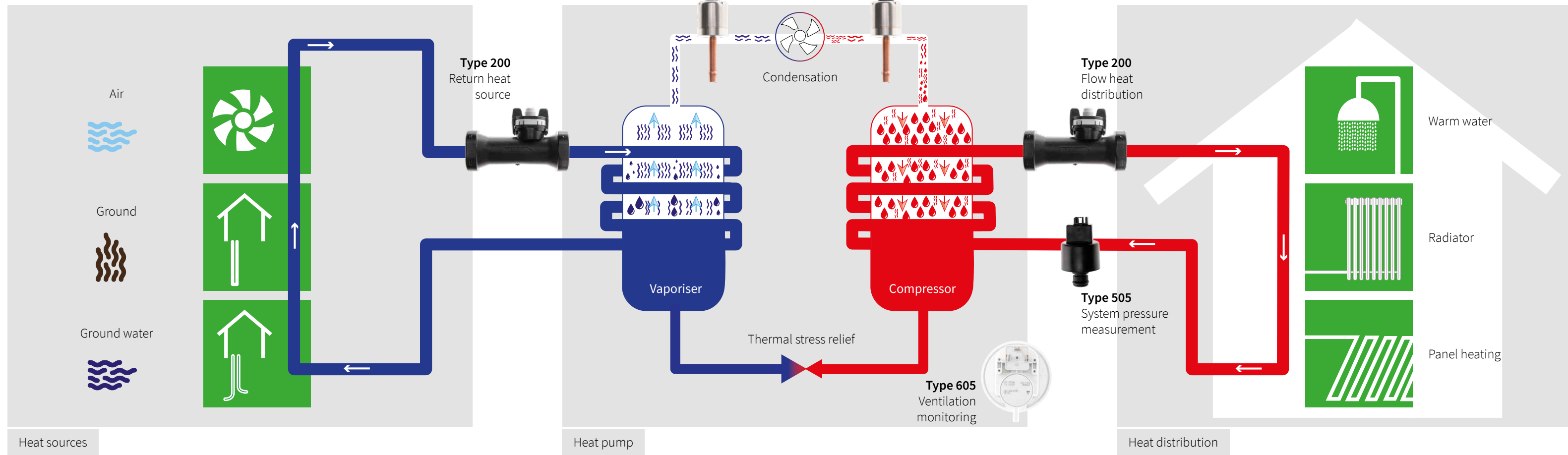
Relative- and absolute pressure transmitter, flow sensors, pressure switches

[www.hubacontrol.com](http://www.hubacontrol.com)

## Huba sensor solutions for heat pumps

### Pressure transmitter type 560

With the type 560, the system pressures in the refrigerant circuit before and after the compressor is optimally monitored. Due to the high measuring accuracy of the pressure transmitter, the compressor is controlled in the best possible way - this provides the heat pump with exceptional efficiency.



### Flow sensors type 200

With the support of the type 200, the heat flow volume in the hot water circuit can be measured and recorded. The vortex measuring principle of the flow sensor is extremely robust and highly accurate. This means that the measurements are reliable and maintenance-free.

### Mechanical pressure switch type 605

To meet the safety requirements for heat pumps with flammable refrigerants, the type 605 can be used for the ventilation control. The negative pressure inside the housing is checked with a mechanical pressure switch and therefore the functioning of the fan is verified.

### Pressure transmitter type 505

The type 505 was developed specifically for system pressure measurement in water circuits. Due to the millions of applications in the field, Huba Control is in a position to take a great deal of experience into account when improving the product.