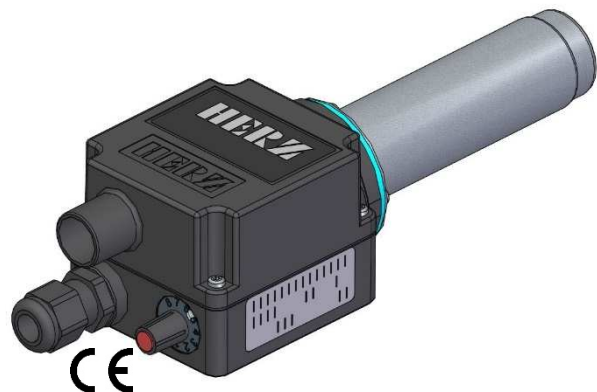


Air heater type S32 from 0,7 to 2,0 KW



Function: Air heater with external air supply by means of fan or compressed air.
CAUTION !!! Device is not pressure-resistant !!!

Configuration: Default: Temperature control with potentiometer (1 – 8)
 - alternatively with external potentiometer (cable length 5 meter) or
 - external control by control unit or SPS (cable length 5 meter)
 Device is equipped with a reliable heating element protection. The integrated device protection turns off the device when tripped and resets automatically after cooling down. A reset is not required.

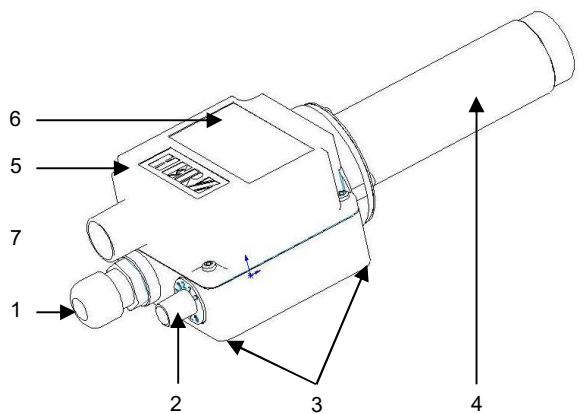
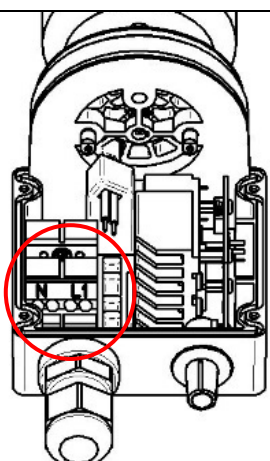
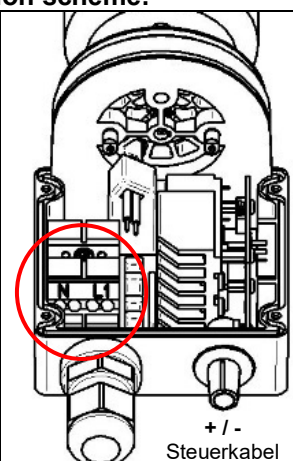
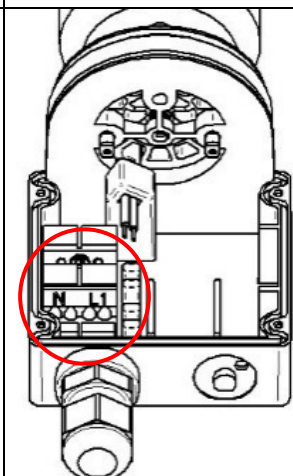
Features: Special design with internal thermocouple (cable length 1 or 5 meter):
 - for devices with electronic equipment max. supply air temperature 50°C/122°F
 - the unit is available without electronics (without heating element protection)
 - for devices without electronic equipment max. supply air temperature 80°C/176°F

Power: 0,7 KW - 2,0 KW
Voltage: 120/230 VAC

Technical Data:

Item number / Basic version	Potentiometer	5700001	5101371	5101340	5101355	5101357
	external control	on request	5101372	5101337	5101356	5101358
	without electronic	5700002	5101373	5101336	5101353	5101359
Voltage	VAC	120	230			
Frequency	Hz	50 / 60				
Power	KW	1,6	0,7	1,0	1,55	2,0
Current	A	13,3	3,0	4,3	6,7	8,7
Max. temperature	°C/°F	650/1202				
Min. air volume	l/min	240	110	195	230	430
Weight	kg	0,4				
Air intake	Ø mm	19				
Air outlet	Ø mm	16				
Heater tube	Ø mm	32				
Dimensions	mm (L x W x H)	233 x 70 x 59				
Conformity mark						
Protection class II						

Air heater type S32 from 0,7 to 2,0 KW

Product description:	Connection scheme:		
		<p><u>Default with potentiometer</u></p> <p>N, L1 = Main connection according to data plate</p>	 <p style="text-align: center;">+ / - Steuerkabel</p> <p><u>External control</u></p> <p>N, L1 = Main connection according to data plate</p> <p>Digital signal (PWM max. 0,5Hz) 10-24VDC + = brown - = white</p>
<ol style="list-style-type: none"> 1. Cable fitting mains supply 2. Potentiometer 0-8 (control cable for ext. control); (no Potentiometer for devices without electronic) 3. Mounting on bottom of housing M 4 (screw depth 7 mm) 4. Heating element pipe Ø32mm 5. Cover 6. Data plate 7. Air intake Ø19mm 		<p><u>Version without electronics</u></p> <p>N, L1 = Main connection according to data plate</p>	

Air heater type S32 from 0,7 to 2,0 KW

Available Versions:





Item no.	Description
5700001	Air heater S32 120 VAC 1,6 KW with potentiometer
On request	Air heater S32 120 VAC 1,6 KW externally controllable (PWM 12-24 VDC, 1 Hz) with 5.0m control cable (2-pin)
5700002	Air heater S32 120 VAC 1,6 KW without electronic
5101371	Air heater S32 230 VAC 0,7 KW with Potentiometer
5101372	Air heater S32 230 VAC 0,7 KW externally controllable (PWM 12-24 VDC, 1 Hz) with 5.0m control cable (2-pin)
5101373	Air heater S32 230 VAC 0,7 KW without electronic
5101340	Air heater S32 230 VAC 1,0 KW with Potentiometer
5101337	Air heater S32 230 VAC 1,0 KW externally controllable (PWM 12-24 VDC, 1 Hz) with 5.0m control cable (2-pin)
5101336	Air heater S32 230 VAC 1,0 KW without electronic
5101355	Air heater S32 230 VAC 1,55 KW with Potentiometer
5101356	Air heater S32 230 VAC 1,55 KW externally controllable (PWM 12-24 VDC, 1 Hz) with 5.0m control cable (2-pin)
5101353	Air heater S32 230 VAC 1,55 KW without electronic
5101357	Air heater S32 230 VAC 2,0 KW with Potentiometer
5101358	Air heater S32 230 VAC 2,0 KW externally controllable (PWM 12-24 VDC, 1 Hz) with 5.0m control cable (2-pin)
5101359	Air heater S32 230 VAC 2,0 KW without electronic

Available modifications:

Artikelnummer	Typ	Modifikation
5005005.1	S02	External potentiometer for heating including 5m control line; 3 pole; Potentiometer is soldered to the end of the cable; including potentiometer knob red;
The basic device for this modification is always standard with a potentiometer		
5005021.2	S05	Internal PID control via internal potentiometer without digital display;
5005010.2	S06	Internal thermocouple including 2m compensation cable with open ends green (+) white (-);
5005007	S12	Internal thermocouple including 2m compensation cable with open ends green (+) white (-);
5005019	S13	Instead of the potentiometer for devices WITHOUT electronics, a 1/4 "compressed air hose connection 6/4mm is installed; This is used to monitor the pressure in the housing;
5700141	S31	100% heating output with heating element protection for type S/M (for basic device without electronics);

Air heater type S32 from 0,7 to 2,0 KW

Accessories:

Item no.	Description
5107283	 Flange connector. Push fit on the protective tube
5100303	 Tubular nozzle \varnothing 5mm
5105475	  Wide slot nozzle 20 x 2mm
5105526	Wide slot nozzle 40 x 2mm

Combination possibilities for devices WITH electronic*:

Measuring point: 3.0 mm after the air outlet pipe adapter – without nozzle, measured at the hottest point

Hose length: 1,0 m

Air supply: Blower 400 Volt, 50 Hz (HD = High pressure blower, MD = Medium pressure blower)

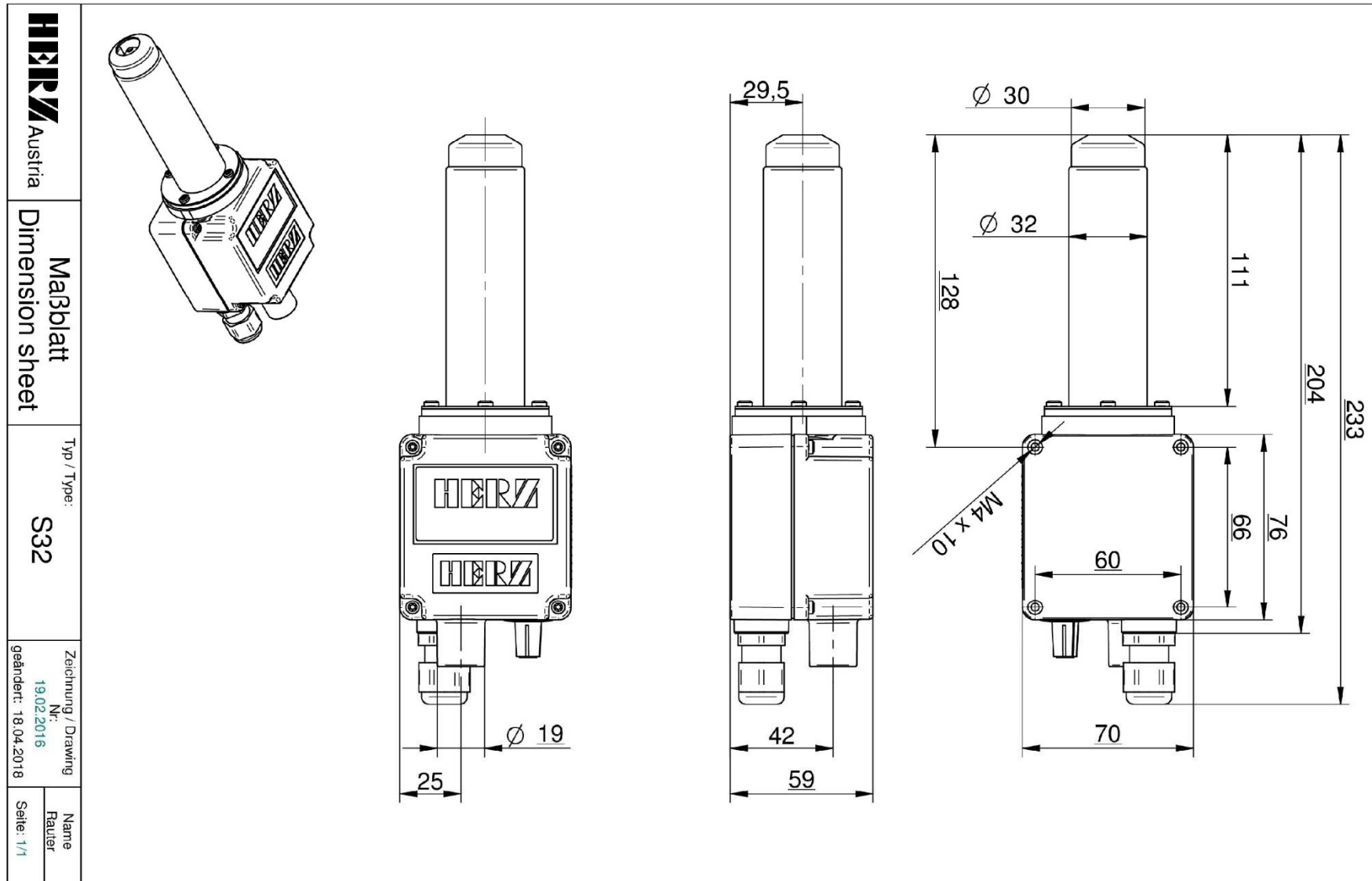
Air flow: NI / min = standard liters per minute according to DIN 1343

CAUTION: Air flow and temperature are indicative which can change due to external influences and changes air hose diameter and length!

Blower type	Quantity, air heater type, voltage, power	Air flow at 50 Hz with heating [NI / min.]	Maximum temperature at 50 Hz [°C/°F]
HD140	1 x S32; 230VAC; 1,5KW	510	350/662
	2 x S32; 230VAC; 1,5KW	2 x 410	390/734
	4 x S32; 230VAC; 1,5KW	4 x 280	490/914
HD140	1 x S32; 230VAC; 2,0KW	470	450/842
	2 x S32; 230VAC; 2,0KW	2 x 390	470/878
HD 240	4 x S32; 230VAC; 2,0KW	4 x 530	320/608

*Data without guarantee

Air heater type S32 from 0,7 to 2,0 KW



Änderungen vorbehalten / Changes reserved

Air heater type S32 from 0,7 to 2,0 KW

HERZ GmbH

Kunststoff- & Wärmetechnologie
Biberweg 1
DE – 56566 Neuwied
Tel.: +49 (0)2622-8855-0
Fax: +49 (0)2622-8855-135
Fax: +49 (0)2622-8855-136
www.herz-gmbh.com
info@herz-gmbh.com

HERZ Austria GmbH

Kunststoff- & Wärmetechnologie
Gleinser Weg 27
AT – 6141 Schönberg / Tirol
Tel.: +43 (0)5225-63113
Fax: +43 (0)5225-6311385
www.herz-austria.at
herz.schoenberg@herz-gmbh.com

HERZ Hungária Kft.

Műanyag- és hőlégtéchnika
Pesti út 284
HU – 2225 Üllő
Tel.: +36 (06)29-522400
Fax: +36 (06)29-522410
www.herz-hungaria.hu
herz@herz-hungaria.hu

HERZ Bulgaria OOD

Boul. Assen Yordanov 10
BG – 1592 Sofia
Tel.: +359 (0)2-9790351
www.herz-bulgaria.com
office@herz-bulgaria.com

HERZ GmbH

Kunststoff- & Wärmetechnologie
Am Arenberg 26A
DE – 86456 Gablingen
Tel.: +49 (0)8230-85085
Fax: +49 (0)8230-85087
www.herz-gmbh.com
robert.einberger@herz-gmbh.com

HERZ Austria GmbH

Kunststoff- & Wärmetechnologie
Johann-Galler-Str. 20 IZ – NÖ – Nord
AT – 2120 Wolkersdorf i. Weinviertel
Tel.: +43 (0)2245-82494-0
Fax: +43 (0)2245-82494-9
www.herz-austria.at
herz.wolkersdorf@herz-gmbh.com

HERZ Polska Sp.z o.o.

Technologie obróbki tworzyw sztucznych
Ul. Kostrzyńska 30
PL – 02-979 Warszawa
Tel.: +48 (0)22-8428583
Fax: +48 (0)22-8429700
www.herz-polska.pl
herz@herz-polska.pl

