

- Easy planning of heating circuits
- Simple installation on site
- Wide operating temperature range

The BARTEC HTSB heating system covers a wide range of applications in trace heating. Frost protection, no-flow heating system, temperature maintenance and also a combination of temperature increase and temperature maintenance is possible in Zone 1, 2, 21 and 22. The HTSB heating tape, which is a part of the HTSB system, can be supplied in power outputs between 15 W/m and 90 W/m at 10 °C. This makes it easy to adapt the output to the heat losses. The protective outer sheath of the cable is made of fluoropolymer plastic. A Limiter is not required. Direct entry in a junction box is possible.

### Explosion protection

Certification Sira 14 ATEX 3051 X  
 IECEx SIR 14.0023X  
 TC RU C-DE.ГБ06.B.00230

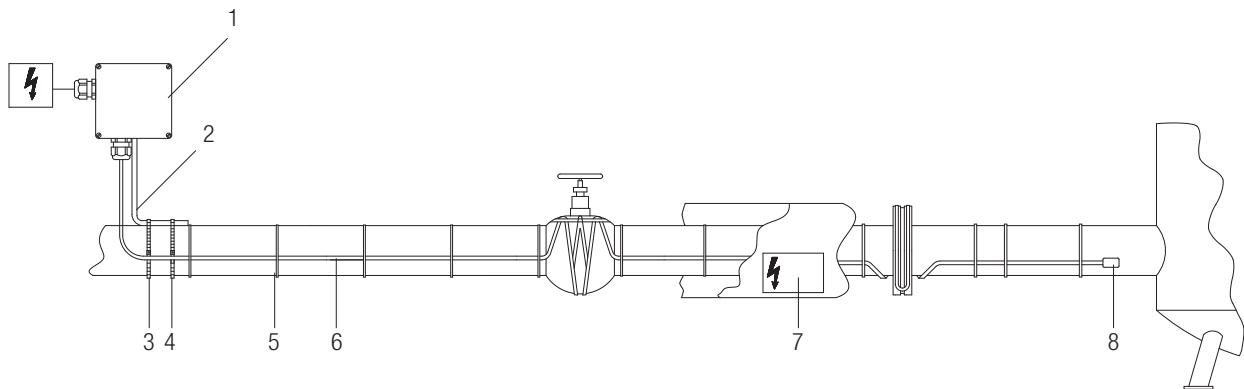
Other approvals and certificates, see [www.bartec.de](http://www.bartec.de)

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### System overview

- Self-limiting parallel heating tape HTSB
- Silicone cold applied technology for connection and terminating
- Optional: Junction box
- Optional: mechanical or electronic thermostats or control systems

### Application example HTSB heating system



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|-----------------------------------|---|---|
| 1 Junction box                    | 4 Buckle for fixing strap               | 7 Caution label "Electrically Heated"     |
| 2 Mounting bracket/Mounting plate | 5 Self adhesive glass fibre fixing tape | 8 Cold applied technology end termination |
| 3 Fixing strap                    | 6 Heating tape HTSB                     |   |