

## Cooling Element Model: MDS3

### Applications

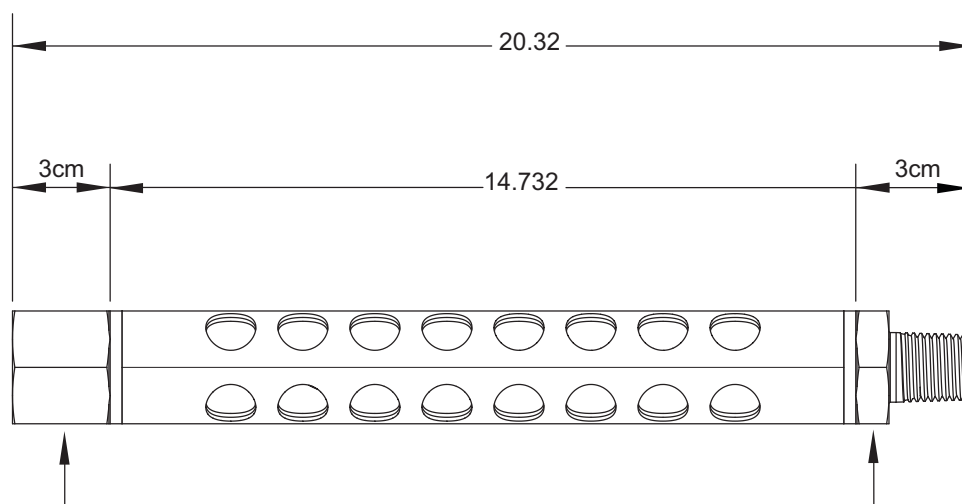
- Cooling elements are used when the medium temperature would exceed the permissible temperature limit of the pressure measuring instrument.
- Dissipates elevated live steam temperature
- Rugged design for direct mounting
- Process industry: Chemical/petro chemical, power stations, food and beverage, offshore oil rigs, pulp and paper, environmental technology, machine building and general plant construction

### Special features

- For medium temperatures up to 450°C
- All stainless steel 316L
- Pressure ranges up to 350 bar

### Description

- **Body material** Stainless steel 316L  
Hastelloy, Monel, Tantalum(option)
- **Process connection** Stainless steel 316L  
¼ NPT, ½ NPT, BSP (option)

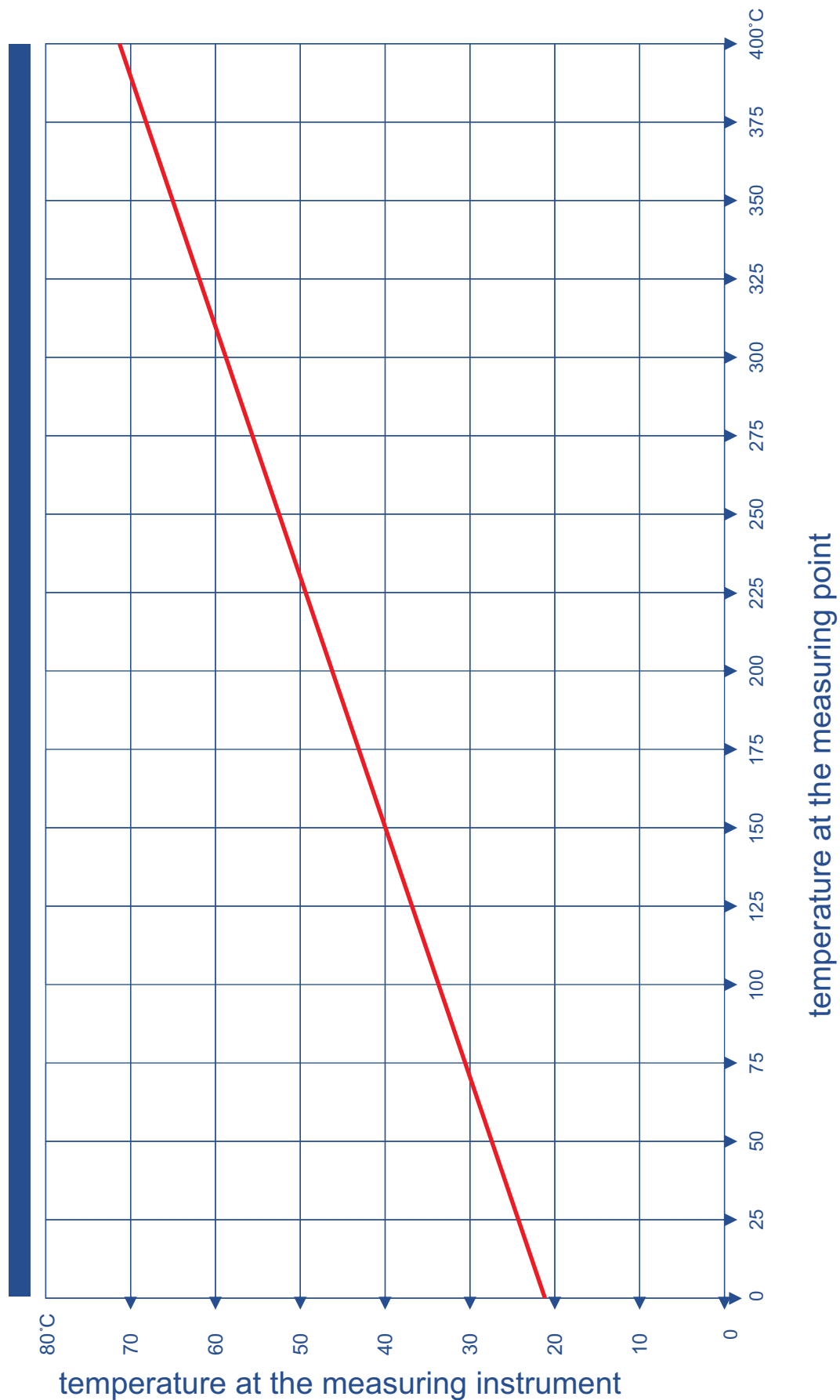


Instrument  
Connection

Size for 1/2MPT male to female

Process  
Connection

# Characteristic curve at ambient temperature 20°C



## MDS3 Pulsation dampener

| ORDERING CODE                                          | Example: | MDS3 | 4 | M | OS | Note |
|--------------------------------------------------------|----------|------|---|---|----|------|
| Process Connection Sizes                               |          |      |   |   |    |      |
| 2 - ¼ NPT                                              |          |      |   |   |    |      |
| 4 - ½ NPT                                              |          |      | 4 |   |    |      |
| 6 - ¼ G                                                |          |      |   |   |    |      |
| 8 - ½ G                                                |          |      |   |   |    |      |
| 10 - Customer                                          |          |      |   |   |    |      |
| Body material                                          |          |      |   |   |    |      |
| B - Brass                                              |          |      |   |   |    |      |
| S - 316L Stainless steel                               |          |      |   |   |    |      |
| M - Monel® 400                                         |          |      |   | M |    |      |
| H - Hastelloy                                          |          |      |   |   |    |      |
| C - Customer                                           |          |      |   |   |    |      |
| Options                                                |          |      |   |   |    |      |
| OS - Overload stop                                     |          |      |   |   | OS |      |
| NS - According to NACE MR 0175 & NACE MR 0103 standard |          |      |   |   |    |      |
| Other sealing                                          |          |      |   |   |    |      |





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