


## ILMw...(CT/CF)

Electrical heating tape for frost protection or temperature maintenance of pipework and vessels in safe or hazardous locations.

### Self-Regulating Heating Tape

100°C

- Automatically adjusts heat output in response to increasing or decreasing pipe temperature
- Will not overheat or burnout, even when overlapped
- Can be cut to length with no wastage
- Full range of controls, accessories and approvals
- Available for 220-277V AC (110-120V AC on request)
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### Description

Quintherm ILMw is an industrial grade self-regulating heating tape that can be used for freeze protection or temperature maintenance of pipework and vessels up to 100°C. It can be cut to length on site and exact piping lengths can be matched without any complicated design considerations.

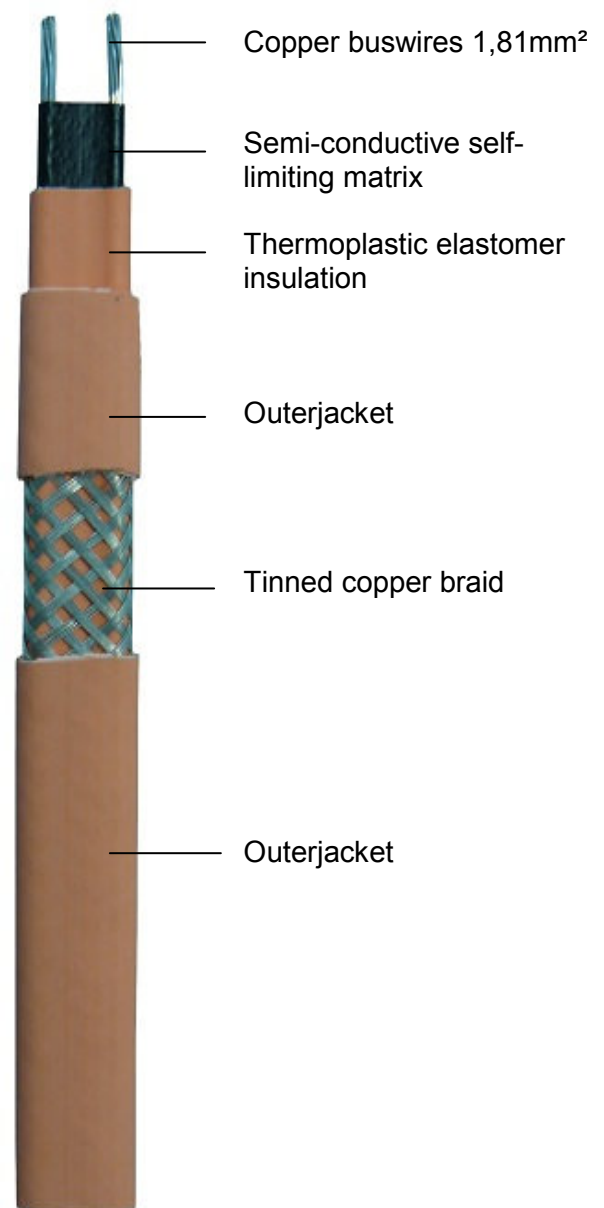
ILMw is approved for use in non-hazardous and hazardous and corrosive environments to world wide standards.

Its self-regulating characteristics improve safety and reliability. ILMw will not overheat or burnout, even when overlapped upon itself. Its power output is self-regulated in response to the pipe temperature.

The installation of Quintherm ILMw is quick and simple and requires no special skills or tools. Termination, splicing and power connection components are all provided in convenient kits.

### Options

- ILMw... Basic heating tape without braiding and without outerjacket.
- ILMw...C Tinned copper braid providing mechanical protection or where traced equipment does not provide an effective earth path. eg. plastic pipework.
- ILMw...CT Thermoplastic outerjacket over tinned copper braid provides additional protection.
- ILMw...CF Fluoropolymer outerjacket over tinned copper braid provides protection where corrosive chemical solutions or vapours may be present.



# ILMw...(CT/CF)

## Technische Daten

|   |  |
|---|--|
| Max. zulässige Temperatur:                | Eingeschaltet 100°C<br>Ausgeschaltet 100°C |
| Minimale Installationstemperatur:         | -40°C<br>(CENELEC -20°C)                   |
| Spannungsversorgung:                      | 220-277V AC                                |
| Temperaturklassifikation:                 | 45 W/m T4 (135°C)<br>60 W/m T3 (200°C)     |
| Maximaler Widerstand des Schutzgeflechts: | ≤ 18,2Ohm/km                               |

| Typ       | Abmessungen Nominal (mm) | Gewicht Kg/100m | Min. Biegeradius (mm) | Ver-schraubung |
|-----------|--------------------------|-----------------|-----------------------|----------------|
| ILMw...CT | 15,0 x 6,5               | 18,9            | 30                    | M25            |
| ILMw...CF | 15,0 x 6,5               | 18,9            | 30                    | M25            |

## Zulassungen

| Zulassung | Zertifikatnummer         | Standards                                 |
|-----------|--------------------------|---|
|           | SIRA 12ATEX3114          | EN60079-30-1:2007                         |
|           | IECEx SIR 11.0127        | IEC60079-30-1:2007-01<br>IEC60079-31:2008 |
|           | 02/00062                 | EN60079-0/-7<br>IEEE Std 515              |
|           | RU C-<br>DE.ME92.B.00026 | GOST R 51330.0-99<br>GOST R 51330.8-99    |

## Bestellinformation

Beispiel:

ILMw602CT

|                               |       |
|-------------------------------|-------|
| Quintherm ILMw                | _____ |
| Abgabeleistung 60W/m bei 10°C | _____ |
| Betriebsspannung 220-277V     | _____ |
| Verzinntes Kupfergeflecht     | _____ |
| Polyolefin Außenmantel (T)    | _____ |
| Fluorpolymer Außenmantel (F)  | _____ |

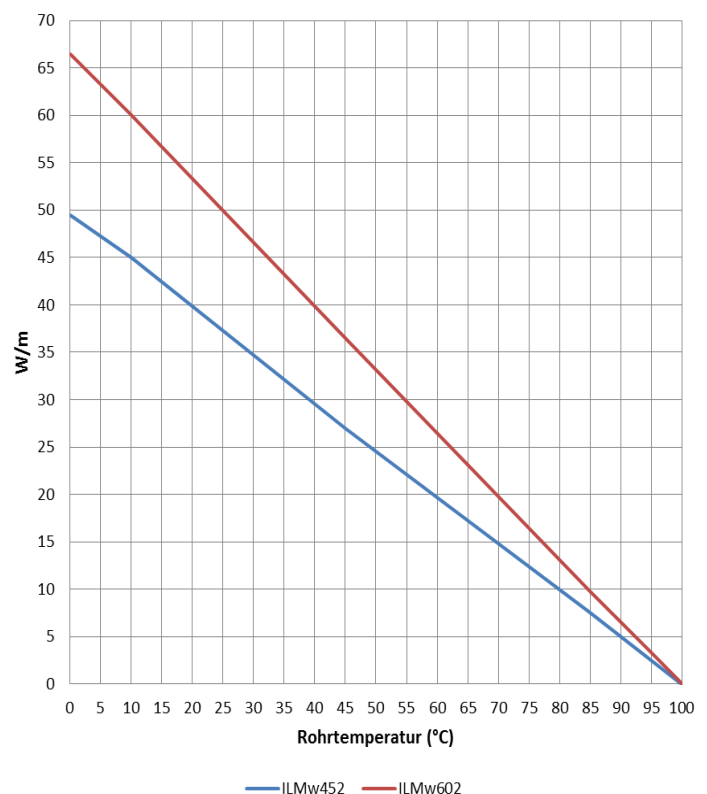
## Max. Längen (m) in Abhängigkeit der Absicherung

| Typ       | Start Temp. | 6A | 10A | 16A | 20A |
|-----------|-------------|----|-----|-----|-----|
| ILMw452.. | 10°C        | 24 | 38  | 62  | 76  |
|           | 0°C         | 20 | 32  | 50  | 64  |
|           | -20°C       | 12 | 22  | 34  | 42  |
|           | -40°C       | 8  | 14  | 22  | 28  |
| ILMw602.. | 10°C        | 20 | 35  | 52  | 66  |
|           | 0°C         | 16 | 28  | 44  | 56  |
|           | -20°C       | 12 | 20  | 32  | 44  |
|           | -40°C       | 8  | 14  | 22  | 28  |

Absicherung Charakteristik Typ C nach EN60898:1991

## Abgabeleistung

Nominale Abgabeleistung bei 110V oder 230V AC, wenn die Heizleitung auf isolierten Metallrohren installiert wird.



## Zubehör

Quintex bietet ein komplettes Sortiment von Zubehörteilen wie Regelgeräte, Anschluss-/Abschluss-sets sowie entsprechende Anschlussgehäuse. Diese Artikel werden für einen störungsfreien Betrieb empfohlen.