

## DMT242 DRYCAP® 180 M/S

## DMT143L DRYCAP® 180 M/S

## BENEFIT

of using **DMT143L** instead of **DMT242**

### Product design

Probe with replaceable DRYCAP® 180 M/S sensor



Plastics body

Measurement range:  
-60 ... +60 °C (-76 ... +140 °F)  
Accuracy:  
±2 °C (±3.6 °F)

Probe with replaceable DRYCAP® 180 M/S sensor

Stainless steel body



Measurement range:  
-60 ... +60 °C (-76 ... +140 °F)  
Accuracy:  
±2 °C (±3.6 °F)

**Increased robustness** while preserving **ease** of maintenance and **the same measurement accuracy** and range

### Ingress Protection (IP) rating

## IP65

IP6X = Dust tight  
IPX5 = Water jets

## IP66

IP6X = Dust tight  
IPX6 = **Powerful** Water jets

**Improved ingress protection** against water jets

### Output & communication

Analog output  
4...20 mA

**Modbus RS232**

Analog output  
4...20 mA

**Modbus RS485**

**Increased communication speed** and range, retaining option for **analog output**

### Connector

4-pin mini valve connector

Standardized

## M8

4-pin connector  
IEC 60947-5-2

**Better compatibility**

### Retrofit

**Adapter** for DMT242 cable (Spare part)

**Easy replacement** of DMT242 with DMT143L, connect with ready installed DMT242 cable

**DMT242**  
DRYCAP® 180 M/S

**DMT143L**  
DRYCAP® 180 M/S

## BENEFIT

of using **DMT143L**  
instead of **DMT242**

**Diagnostics**

**No**

**Yes,**  
internal diagnostics  
for errors

**Improved**  
reliability

**Operating  
voltage**

**18-35**  
VDC  
**20-28**  
VAC

**18-28**  
VDC

**Storage  
temperature**

**-40... +70 °C**

**-40... +60 °C**

**Services**

- **Calibration services** continue after 2017
- **Limited repair services** continue (sensor and filter)

- **Same services** for DMT143L
- In case of **DMT242 replacement under warranty** (after 2017), **new DMT143L delivered with adapter**

**Easy**  
transition  
from DMT242  
to DMT143

**Mechanical  
connection**

**G $\frac{1}{2}$ " ISO228-1 thread**  
  
Spare part:  
**NTP  $\frac{1}{2}$ " adapter**

**G $\frac{1}{2}$ " ISO228-1 thread**  
  
Spare part:  
**NTP  $\frac{1}{2}$ " adapter**

**Same**  
mechanical  
connection  
options

# Contact Us

**Customer Support:** Order entry, order status, Request for quote, Delivery  
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**Application Engineering:** Product selection, Configuration  
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**Service Coordinators:** Product returns for calibration and repairs  
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More information on the DMT143L:

<http://www.vaisala.com/Vaisala%20Documents/Brochures%20and%20Datasheets/CEN-G-EN-DMT143L-Datasheet-B211602EN.pdf>