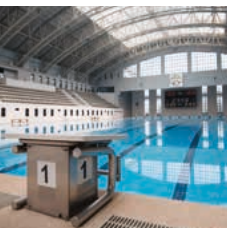# LED Swimming Pool Displays
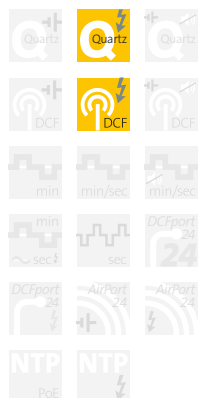## indoor and outdoor use

Digital displays
indoor and outdoor use

Type series
840

42.840.184 shown

42.840.183

42.840.182

Single face LED digital display for indoor and outdoor use.
Display of time and choice of 1, 2, or 3 temperatures.

- 4-digit time display
- Display of 1, 2, or 3 temperatures
- Cipher height 100 mm or 180 mm

Your choice
Choose the number of temperature displays and the number of sensors from the table. The order of display lines and permanent labelling (symbols or text) may be chosen freely.
All displays will be supplied with red LEDs as standard. Other LED colours are optionally available at a surcharge and may be freely selected per line of display. The type of display (with decimal place or with degree symbol) is adjustable.

42.**840**.183 **-78 -78**

Temperature displays with decimal place and amber LEDs, permanent labelling as text

42.**840**.103 **-78 -78**

Temperature displays with decimal place and amber LEDs, permanent labelling as symbols

42.**840**.182 **-76 -80**

Time display with white LEDs, temperature display with blue LEDs, permanent labelling as a symbol

All prices are subject to change without notice, packing and shipping cost (see page 187) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2025. If you have any questions or require additional information, please contact us, we will gladly give advice.

Case
Very sturdy case made from powder-coated aluminium profiles, case colour black. Mounting on tiltable bracket for easy installation and maintenance. Protection grade IP 40 (EN 60 529).

Mounting
On-wall mounting as standard, further mounting options available on request.

Front glass
Flat plastic glass treated for low reflectivity, additional filter layer for optimum readability.

Permanent labelling
Individual choice of symbols or text.

LED digital display
4-digit time display (quartz version, DCF77 aerial is an accessory) as well as 1..3 temperature displays, 3 digits, 2-digit number with choice of degree symbol or decimal place.
High-grade double row outdoor LEDs, cipher colour red. Other LED colours (amber, green, white or blue), also for individual rows, optionally available at an extra charge.
7-segment display, cipher height 100 mm (reading distance up to cir. 40 m) or 180 mm (reading distance up to cir. 70 m), automatic brightness control. Temperature readings manually adjustable or measured using external sensors (accessories).
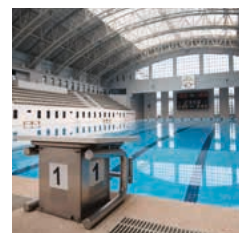Operating voltage 230 V AC/50..60 Hz.

Infrared remote control unit
All settings are triggered by a wireless infrared remote control unit, included in delivery shipment.

Temperature measurement
Temperature readings may either be set manually or be measured using external sensors. Manual input is recommended for constant temperatures (indoor air, water)
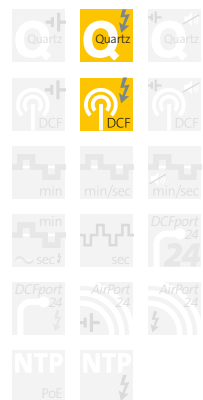For temperature measurement we offer the following sensors:
- Air temperature sensor with 3 m connecting wire (3 pole connection to the display), recommended for temperature measurement at the location of the display
- Air temperature sensor with 30 m connecting wire (3 pole connection to the display), recommended e.g. for measuring the outside air temperature if the display is installed indoors
- Water temperature sensor RS485, connection via 6 core twisted-pair wire UTP or STP (not included), max. length cir. 1.000 m.

Digital displays
indoor and outdoor use

Type series
840

Technical Data	Case	Cipher height 100 mm	Cipher height 180 mm
2–line display	dimensions (W x H x D)	cir. 530 x 360 x 60 mm	cir. 940 x 560 x 60 mm
	weight	cir. 10 kg	cir. 24 kg
3–line display	dimensions (W x H x D)	cir. 530 x 515 x 60 mm	cir. 940 x 830 x 60 mm
	weight	cir. 14 kg	cir. 35 kg
4–line display	dimensions (W x H x D)	cir. 530 x 670 x 60 mm	cir. 940 x 1.090 x 60 mm
	weight	cir. 17 kg	cir. 44 kg

Type	Cipher heigt ▶ Operating voltage ▼	100 mm Item No.	€ each	180 mm Item No.	€ each
2-line display of time and 1 temperature	230 V AC	42.840.102	1,690.–	42.840.182	2,290.–
3-line display of time and 2 temperatures	230 V AC	42.840.103	1,990.–	42.840.183	2,590.–
4-line display of time and 3 temperatures	230 V AC	42.840.104	2,390.–	42.840.184	2,990.–

Accessories	Item No.	€ each
DCF77 receiving aerial (IP 54)	03.925.181	170.–
Air temperature sensor (IP 66) with 3 m connecting wire	04.840.103	100.–
Air temperature sensor (IP 66) with 30 m connecting wire	04.840.130	150.–
Water temperature sensor RS485 (IP 68) with terminal box	04.840.200	295.–

Options	Suffix	Surcharge € each
Case custom enamelled	–10	on request
White LEDs	–76	on request
Amber LEDs	–78	on request
Green LEDs	–79	on request
Blue LEDs	–80	on request