

VDO instruments, ViewLine series



VDO ViewLine revolution counter

IP67 watertight case; double anti-fog pane; LED back-lit LED dial and needle; panel or flush mounting of the instruments; interface with NMEA signal; second frequency available as an option.
All instruments are equipped with finishing ring having the same color as their dial. RPM counter and sumlog equipped with ring 27.499.01 or 27.599.01. 52-mm Ø instruments equipped with ring 27.499.03 or 27.599.03.

AA - The revolution counters have to be equipped with: cable 27.599.11 (RPM counter function, only); additional cable 27.599.12 for other functions: hour counter, clock, voltmeter; push-button 27.599.13 necessary for basic and advanced programming of the RPM counter.

EE - The synchronizers have to be fitted with cables 27.599.11 + 27.599.12.

BB - The sumlogs have to be equipped with:cable 27.599.11 (speedometer function, only); additional cable 27.599.12 for other functions: partial/total mile sumlog, depth sounder, water temperature, clock, voltmeter + push-button 27.599.13; multifunction transducer 27.581.50.

CC - The 52-mm Ø control instruments have to be equipped with: cable 27.599.11

DD - The rudder angle metres have to be equipped with: sensors 27.176.00 / 27.176.10 + cable 27.599.11.

| Product | Product Ø mm | Dial | | V |
|--|--------------|-----------|-----------|-------|
| | | white | black | |
| Revolution counter with partial and total hour counter + clock + voltmeter | | - | - | - |
| Scale 3000 RPM Input: W, IND, DDEC, HALL, 1 | 85 | 27.480.00 | 27.580.00 | 12/24 |
| Scale 4000 RPM Input: W, IND, DDEC, HALL, 1 | 85 | 27.480.01 | 27.580.01 | 12/24 |
| Scale 5000 RPM Input: W, IND, HALL, 1 | 85 | 27.480.02 | 27.580.02 | 12/24 |
| Scale 6000 RPM Input: W, IND, HALL, 1 | 85 | 27.480.03 | 27.580.03 | 12/24 |
| Scale 7000 RPM Input: 1 | 85 | - | 27.580.04 | 12/24 |
| ± 500 RPM synchronizer | 85 | 27.480.10 | 27.580.10 | 12/24 |
| Triducer with extractable label to match the sumlog, fitted with thru hull (speed + depth + water temperature) | 52 | 27.581.50 | 27.581.50 | - |
| 10/180 Ω fuel level indicator | 52 | 27.482.01 | 27.582.01 | 12/24 |
| 240/33 Ω fuel level indicator | 52 | 27.482.21 | 27.582.21 | 12/24 |
| 10/180 Ω H2O level indicator | 52 | 27.484.01 | 27.584.01 | 12/24 |
| 20 mA waste water level indicator (float 27.678.01/02) | 52 | 27.485.01 | 27.585.01 | 12/24 |
| 8/16 V voltmeter | 52 | 27.486.01 | 27.586.01 | 12 |
| 18/32 V voltmeter | 52 | 27.487.01 | 27.587.01 | 24 |
| 40/120°C + 105/250°F H2O thermometer | 52 | 27.488.01 | 27.588.01 | 12/24 |
| 50/150°C + 120/300°F oil thermometer | 52 | 27.489.01 | 27.589.01 | 12/24 |
| -60A + 60A ammeter | 52 | 27.490.01 | 27.590.01 | 12/24 |
| 5 bar/80psi engine oil pressure | 52 | 27.491.01 | 27.591.01 | 12/24 |
| 10 bar/150 psi engine oil pressure | 52 | 27.492.01 | 27.592.01 | 12/24 |
| 25 bar/350 psi engine oil pressure | 52 | 27.493.01 | 27.593.01 | 12/24 |
| Rudder angle indicator** (3/180 Ω) | 52 | 27.495.01 | 27.595.01 | 12/24 |
| TRIM indicator (167-10 Ω input) | 52 | 27.496.01 | 27.596.01 | 12/24 |
| Hour counter | 52 | 27.494.01 | 27.594.01 | 12/24 |
| 0-2 bar turbo pressure gauge | 52 | 27.497.01 | 27.597.01 | 12/24 |

LEGENDA: W = signal W alternator; IND= VDO inductive sensor; DDEC = Electronic adjuster; HALL = HALL VDO effect sensor; 1= Terminal 1 reel.

27.599.11 TYCO/HIRSCHMANN-type 8-pole connector with cable

27.599.12 TYCO/HIRSCHMANN 14-pole connector with cable

27.599.13 Programming key

** 27.176.00; 27.176.10 Rudder sensors 27.495.01; 27.595.01;



▲ 27.586.01



▲ 27.588.01



▲ 27.590.01



▲ 27.581.50



▲ 27.599.13



▲ 27.591.01



▲ 27.595.01



▲ 27.599.11



▲ 27.480.01



▲ 27.580.02



▲ 27.480.03



▲ 27.580.04



▲ 27.582.01/21



▲ 27.487.01 with example of mounting screw ring 27.699.03



▲ 27.596.01



▲ 27.487.01 with mounting example of ring nut 27.499.03



▲ 27.582.01



▲ 27.488.01



▲ 27.584.01



▲ 27.482.01/21

VDO finishing rings for ViewLine instruments

| White | Chromed | Black | Finishing | Ø mm |
|-----------|-----------|-----------|-----------|------|
| 27.499.01 | 27.699.01 | 27.599.01 | Ray round | 85 |
| 27.499.03 | 27.699.03 | 27.599.03 | Ray round | 52 |

