

28 industrial

- Standard gauge sizes
- Plug-in connectors are waterproof and resist salt corrosion
- Gauges are encased in non-ferrous hardware
- Red LED lighting is standard, increases visibility in low light conditions
- Available in 12 or 24 volt system
- Stainless steel rims stand the test of time in harsh saltwater conditions
- Powdercoated pointers are fade resistant
- SAE rims only

- Black dials have:
white pointers and graphics

- White dials have:
black pointers and graphics



DCSFLBKBK



DCS8000BKBK

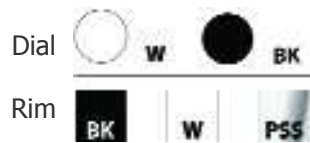


DCSMWPBKBK



DCSFPBKBK

| cutout size | overall size |
|-------------|--------------|
| 2 1/16" | 2 3/8" |
| 3 3/8" | 3 3/4" |





DCMS80BKBK



DCSOP80BKBK



DCSMVBBKBK



DCSVMBKBK



White/White



Mix and Match



Dry Speedometers

| Description | Part Number 3 3/8" | Notes: |
|-------------|-----------------------|---|
| 60 MPH | DCMS60 | Requires- pitot tube, hose & mounts For a Kit, add the letter "K" after the MPH. |
| 80 MPH | DCMS80 | |
| 100 MPH | DCMS100 | |

GPS Speedometers

| Description | Part Number 3 3/8" | Notes |
|-------------|-----------------------|---|
| 50 MPH | GPSS50 | For a GPS Kit, add the letter "K" after the MPH. Kit includes: - speedometer - antenna - memory recall - harness |
| 80 MPH | GPSS80 | |
| 100 MPH | GPSS100 | |
| 120 MPH | GPSS120 | |
| 140 MPH | GPSS140 | |
| 160 MPH | GPSS160 | |
| 180 MPH | GPSS180 | |
| GPS antenna | GPSSQ3 | |

Note: All GPS speedometers require a NMEA0183 compliant antenna/receiver.

Gauges are available in 24 volts. Please specify when ordering.



| cutout size | overall size |
|-------------|--------------|
| 3 3/8" | 3 3/4" |
| 2 1/16" | 2 3/8" |

Tachometers- Gas

| Description | Part Number 3 3/8" | Requires |
|-------------|-----------------------|----------|
| 6,000 RPM | DCS6000 | DCH |
| 8,000 RPM | DCS8000 | DCH |
| 10,000 RPM | DCS10000 | DCH |
| 12,000 RPM | DC12000 | DCH |

Note: Mega/Race Tachs work on 4, 6, & 8 cylinder V-10 & Merc O/B 6 pulse/12 pole

Tachometers- Diesel

| Description | Part Number 3 3/8" | Requires |
|------------------------------------|-----------------------|----------|
| 4,000 alt driven | DC4000 DA | DCH |
| 4,000 mag probe driven | DC4000 MPD | DCH |
| 4,000 mech signal generator driven | DC4000 MSGD | DCH |

Tachometer/Hourmeter

| Description | Part Number 3 3/8" |
|-------------|-----------------------|
| 8,000 RPM | GL8000H |

Note: Industrial tach/hourmeters work with the following engines: 4, 6 and 8 cylinder, Merc O/B 12 pole/6 pulse, Yamaha and OMC.

These have terminals connectors.



DCS4000BKBK
diesel

GPS50WW



DCS8000BKW

GPSS80WPSS



GL8000HBKBK
tach/hourmeter



GL6000HBKPSS
tach/hourmeter

DCMS80BKBK

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| Electric | Description | Part Number | Requires |
|----------|----------------------------------|-------------|-------------------------|
| | | 2 1/16" | |
| | Boost 60 PSI | DCSB60 | |
| | Clock | GIC | - |
| | Fuel Level 0-90ohms | DCSFLGM | DCH, fuel level sender |
| | Fuel Level 240-33 ohms | DCSFL | DCH, fuel level sender |
| | Fuel Pressure 0-15 PSI | DCSFP | DCH, GSFP/WP |
| | Fuel Pressure 0-90 PSI | DCSFP90 | DCH, GSFP60/90 |
| | Hourmeter | GIHM | - |
| | Oil Pressure 0-80 PSI | DCSOP80 | DCH, GSOP80 |
| | Oil Temperature 140-340° F | DCSOT | DCH, GSOT1/8 |
| | Transmission Temp 140-340° F | DCSTT | DCH, GSOT1/8 |
| | Trimmer Merc & Yamaha 10-90 ohms | DCSTMM | DCH |
| | Trimmer OMC 88-1 ohms | DCSTMO | DCH |
| | Voltmeter 8-18V | DCSVM | DCH |
| | Voltmeter 18-32V | DCSVM24 | DCH |
| | Water Level | DCSWL | DCH, water level sender |
| | Water Temperature 100-250° F | DCSWTA | DCH, GSOT1/8 |
| | Water Temperature 100-280° F | DCSWT | DCH, GSOT1/8 |



DCSWTABKBK
shown with optional
bezel in blue - FL216BL

DCH connectors on page 34

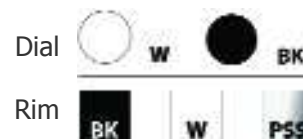
Senders on page 80

Gauge Accessories on page 82

| Mechanical | Description | Part Number | Requires |
|--|-------------------------------|-------------|----------|
| | | 2 1/16" | |
| | Boost 0-35 PSI | DCSMB35 | HK |
| | Fuel Pressure 0-15 PSI | DCSMFP | - |
| | Fuel Pressure 0-100 PSI | DCSMFP100 | - |
| | Oil Pressure 0-100 PSI | DCSMOP | HK |
| | Vacuum/Boost 30 in hg/boost20 | DCSMVB | HK |
| | Water Pressure 0-35 PSI | DCSMWP | HK |
| | Water Pressure 0-60 PSI | DCSMWP60 | HK |
| Hose kits: Part #: HK- 25 feet of hose or Part #: HKA- 10 feet of hose | | | |

Gauges are available in 24 volts.
Please specify when ordering.

| cutout size | overall size |
|-------------|--------------|
| 2 1/16" | 2 3/8" |





GIHMMWW
hourmeter



DCSOP80BKPSS
oil pressure
0-80 PSI



DCSMWP60BKBK
mechanical
water pressure
0-60 PSI



DCSMVBWBK
mechanical
vacuum boost
30 in hg / 20 PSI



DCSWTABKBK
water temperature
100-250° F



DCSFLWW
fuel level
0-90 ohms or
240-33 ohms



DCSTTBKPSS
transmission
temperature
140-340° F



DCSVMBKBK
voltmeter
8-18V

34 connectors



4 Pin Connector & Wire Harness

- 18 inches in length
- Pre assembled and labeled

Part Number DCH



GPS Antenna

- Antenna is NMEA0183 compliant
- 2 3/4" L x 2 3/8" W x 7/8" H
- It is recommended to use this model number for full compliance with Livorsi GPS speedometers

Part Number GPSSQ3

Parts needed for a 4 Pin Connector & Wire Harness...

- (1)- 4, 8 or 12 pin connector plug
- (1)- 4, 8 or 12 pin wedge lock
- Appropriate contacts for connectors
- Rubber pin plugs for open holes (power distribution only)



pin connector plug

DC4CPLUG
shown here



pin wedge lock

DC4CWL
shown here



contacts
stamped & formed
for 16 gauge wire
DCC1416



Hand Crimper
DCHCS

2 Pin Connector Parts-mechanical lights

| Description | Part Number |
|----------------------------|-------------|
| 2 pin connector plug | DC2CPLUG |
| 2 pin connector wedge lock | DC2CWL |

4 Pin Connector Parts-electrical gauges

| Description | Part Number |
|----------------------------|-------------|
| 4 pin connector plug | DC4CPLUG |
| 4 pin connector wedge lock | DC4CWL |

8 Pin Connector Parts-power distribution

| Description | Part Number |
|----------------------------|-------------|
| 8 pin connector plug | DC8CPLUG |
| 8 pin connector wedge lock | DC8CWL |

12 Pin Connector Parts-power distribution

| Description | Part Number |
|-----------------------------|-------------|
| 12 pin connector plug | DC12CPLUG |
| 12 pin connector wedge lock | DC12CWL |

Dummy Plug

Part Number DCDP

Contacts for 16 gauge wire

Part Number DCC1416