

DirectLine[®] Sensor Module

Model Selection Guide

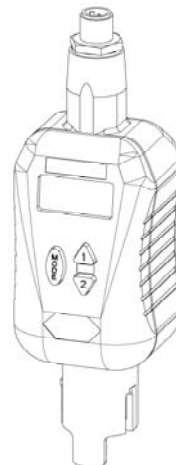
- Unique product architecture which provides ease of use, lower installation cost, easy calibration and maintenance
- Provides on-line diagnostics to minimize trouble-shooting
- Electrodes & Cells must be specified separately. For electrodes and available mounting see MSG DL1000 for Durafet pH, DL2000 for Meredian II, DL3000 for ORP, DL4000 for conductivity and DL5000 for dissolved oxygen.
- See Product Specs for detail:

DL421/422 70-82-03-04; DL423 70-82-03-47; DL424/425 70-82-03-48

Instructions

- Select the desired key number. The arrow to the right marks the selection available.
- Make the desired selections from Tables I through IV using the column below the proper arrow. A dot (•) denotes availability.

Key Number I II III IV
 [] - [] - [] - [] - []



Key Number - DirectLine[®] Sensor Electronics Module

(Specify electrodes/cells/probes separately)

pH	For use with Durafet II, Meredian II & HPW7000 pH electrodes
ORP	For use with ORP electrode.
Conductivity	For use with Contacting Conductivity Cells
DO - PPM	For use with Dissolved Oxygen ppm Probes
DO - PPB	For use with Dissolved Oxygen ppb Probes

Selection	Availability	Stocking P/N
DL421	↓	51452682-001
DL422	↓	51452682-002
DL423	↓	51452682-003
DL424	↓	51452682-004
DL425	↓	51452682-005

TABLE I - OUTPUT CABLE

Output Cable for	None (replacement module or customer supplied output cable)- Note 1
Integral or Remote	Cordset - 6m (19.7 ft.) - includes connector and cable - Note 2
Mounting	Field Wiring Connector only - customer supplies cable only- Note 2

D	•	•	•	•	•	N/A
E	•	•	•	•	•	51452683-001
F	•	•	•	•	•	51452684-001

TABLE II - SENSOR CABLE/REMOTE CONNECTOR (between electronic module and electrode, sensor or probe)

Integral Mounting	No cable or connector required
Remote Mounting Cable	6,096m (20 ft.) of sensor cable - Durafet II Remote Mounting
- Durafet only	15,24m (50 ft.) of sensor cable - Durafet II Remote Mounting
Remote Mounting	Remote Mounting Connector - Meredian II pH
Connector (Cable is	Remote Mounting Connector - Meredian II ORP
supplied with sensor or	Remote Mounting Connector - HPW7000
probe)	Remote Mounting Connector - Conductivity
	Remote Mounting Connector - Dissolved Oxygen

0	d	d	d	d	d	N/A
1	e					51500270-001
2	e					51500270-002
3	e					51500768-001
3	e	e				51500768-002
4	e					51500768-003
5			e			51500768-004
6				e	e	51500768-005

TABLE III - REMOTE MOUNTING OPTIONS

Mounting Kit for	None Integral unit - mounting not required
Remote Mounting	2" (5,08 cm) Pipe mtg. bracket, wall mtg. & DIN Rail clip

A	•	•	•	•	•	N/A
B	•	•	•	•	•	51452655-001

TABLE IV - OPTIONS

Tagging	None
	Linen Customer ID Tag - 3 lines w/22 characters/line
	SS Customer ID Tag - 3 lines w/22 character/line
Certificates	None
	Calibration & Conformance

00 __	•	•	•	•	•	N/A
LT __	•	•	•	•	•	N/A
SS __	•	•	•	•	•	N/A
__ 00	•	•	•	•	•	N/A
__ CC	•	•	•	•	•	N/A

Notes:

- 1 Customer supplies cordset **or** cable with M12 connector. Suppliers & P/Ns include:

	Phoenix Contact	Turck
Cord--set	SAC-3P-5.0-PUR/M12FSSH Stainless	RKV4T-6/S618
M12 Field Wiring Connector	SACC-M12FS-4CON-PG7	B8141-0
Cable	2-wire twisted shielded pair	

- 2 Required cable is 2-wire twisted shielded pair, with UV resistant outdoor rated outer jacket material. Use of a non-UV resistant, non outdoor rated outdoor rated cable will void the NEMA 4 outdoor rating.

RESTRICTIONS

Restriction Letters	Available Only With		Not Available With	
	Table	Selection	Table	Selection
d	III	A		
e	III	B		

ORDERING INSTRUCTIONS:

- Part numbers are provided to facilitate Distributor Stock.
- Orders may be placed either by model selection or by part number.
- Part numbers are shown within the model selection tables to assist with compatibility information.
- Orders placed by model selection are systematically protected against incompatibility.
- Compatibility assessment is the responsibility of the purchaser for orders placed by part number.
- Items labeled as N/A are not available via the stocking program and must be ordered by model selection.

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**Accessories and
Replacement Parts**

Description	Part Number
O-Ring for Integral Probe/Electrode or Remote Electrode Mounting Connector	31086221
Stainless Steel Locking Screw for Integral Electrode or Remote Electrode	51452706-001
Cordset - 6m (19.7 ft.) - includes connector and cable	51452683-001
Field Wiring Connector	51452684-001