

# Service data bulletin



Instrument: EML224

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SUBJECT: EML224 Sensor illustrated.

From 2007 SKIPPER Electronics AS manufactures EML224 sensors configured for 5 different gate valves/tank.

### For new installations:

Sensor complete EML, 40m cable, for gate valve SB-60-SA and DB-60-SA Sensor complete EML, 40m cable, for tank combo ETNSTCL (TC-2018)

Part number EML224SG-SA Part number EML224ST-SA

### For retrofit installations:

Sensor complete EML, 40m cable, for gate valve PCSV60 Sensor complete EML, 40m cable, for SIMRAD NL tank and gate valve. Sensor complete EML, 40m cable, for gate valve SB-100-SA and DB-100-SA Part number EML224SX-SA Part number EML224SN-SA Part number EML224SDB-SA

Sensor complete EML, 40m cable, for gate valve SB-60-SA and DB-60-SA

Part number EML224SG-SA





EML224ST-SA Sensor complete EML, 40m cable, for tank combo ETNSTCL (TC-2018)





EML224SX-SA
Sensor complete EML, 40m cable, for gate valve PCSV60
All sensors manufactured before 2006 may be replaced by part number EML224SX-SA





EML224SN-SA Sensor complete EML, 40m cable, for SIMRAD NL tank and gate valve.





EML224SDB-SA Sensor complete EML, 40m cable, for gate valve SB-100-SA and DB-100-SA





### HISTORY OF EML224 SENSORS

From the start of production in 1987 to 2005 the sensor and cable were separate items connected with a plug. These sensors may be identified by the grey cable.

From 2005 the sensor and cable was one item. These may be identified by the green colour.



## CHANGE OF SENSOR WITH GREY CABLE

A sensor with grey cable going from sensor to junction box may be replaced by part number EML224SX-SA Note! There is different connections to Sensor power PCB in junction box.

In addtion to this: Connection between Junction box and RS422 PCB in display unit is depended of version of RS422 board. (Ver A or X. See next pages)



Sensor power PCB in junction box (Not Sensor power2 PCB)



