

Datfil:	23187-Connection_EN_2D.doc	Säk-k:	Sida: 1(2)
Titel:	Using 23187/53187 together with TCM / TSM 23408/53408 / 23430/53430		
Utfört:	Mikael Theorin	Datum:	2013-03-20
Fastställt:		Datum:	
Utgåva:	2D	Telefon:	08-747 67 00

The Ex barrier 23187/53187 can be used for one or two level sensors in ATEX classed environments. Together with TCM 23408/53408 or TSM 23430/53408 it can be used for control of tanks containing fresh oil, waste oil and/or similar classed liquids.

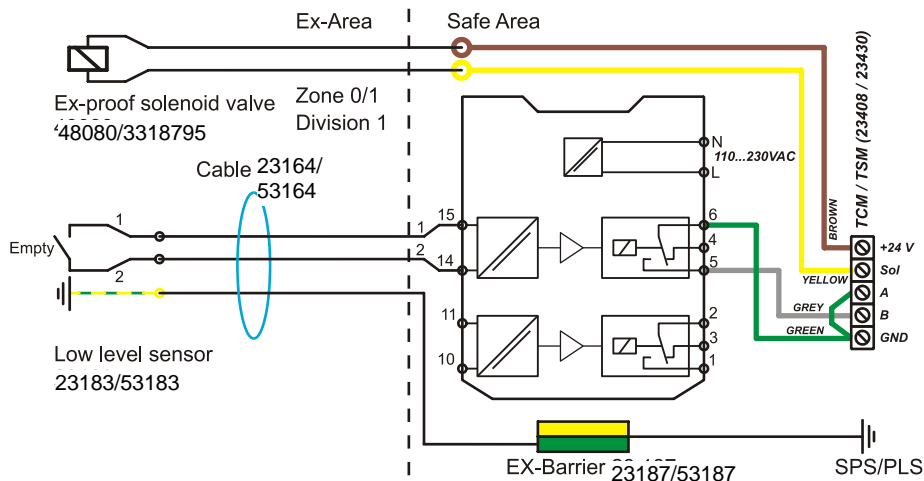
Always connect the sensors ground cable/point through the cable (23164/53164) to the ground connector in EX-barrier 23187/53187.

New version 132/2-01

Lift transparent lid to gain access to mode switches.
Switches INV1 and INV2 can be used to invert signals,
switches LF1 and LF2 should be set to OFF

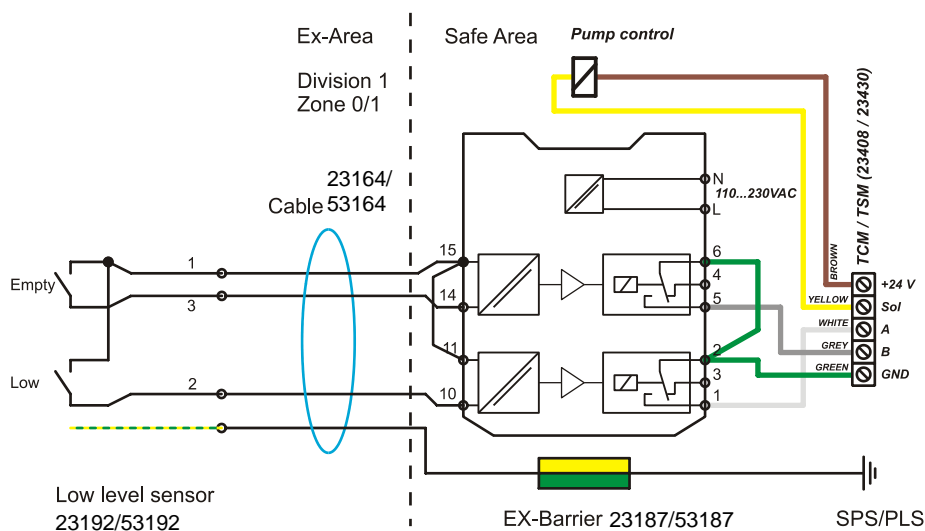


Low level alarm with sensor 23183/53183



Connect to any of port 1-4, connector B, GND in tank module 23408/53408 / 23430/53430.

Two level alarm with sensor 23192/53192

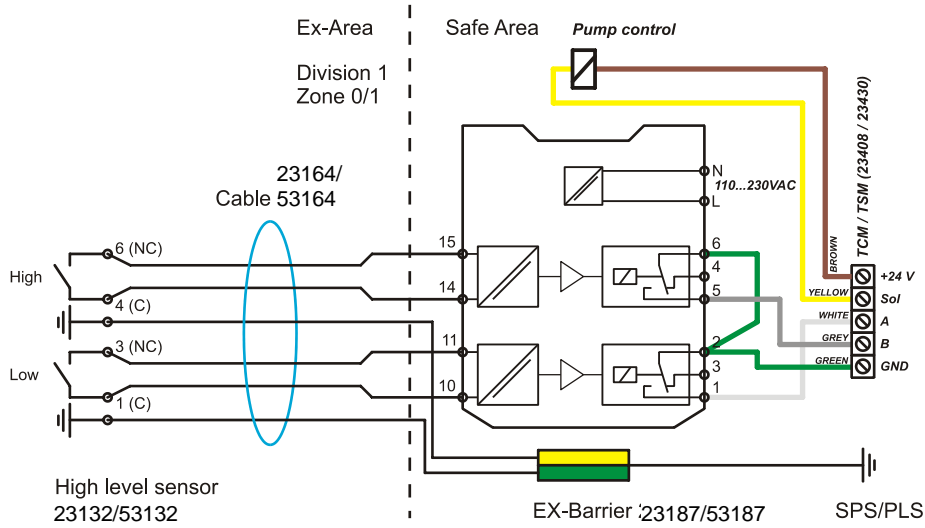


Connect to any of port 1-4, connector A, B, GND in Orilink® tank module 23408/53408.

When Alarm or Stop level is not reached, A and B should be affected.

The solenoid valve is connected to +24V and Sol in 23408/53408
Max 2 solenoid valves /port in TCM

WASTE OIL alarm with sensor 23132/53132



Connect to any of port 1-4, connector A, B, GND in OriLink® tank module 23408/53408 / 23430/53430.

The solenoid valve is connected to +24V and Sol in 23408/53408 / 23430/23430 and a maximum of 2 solenoid valves /port is supported.