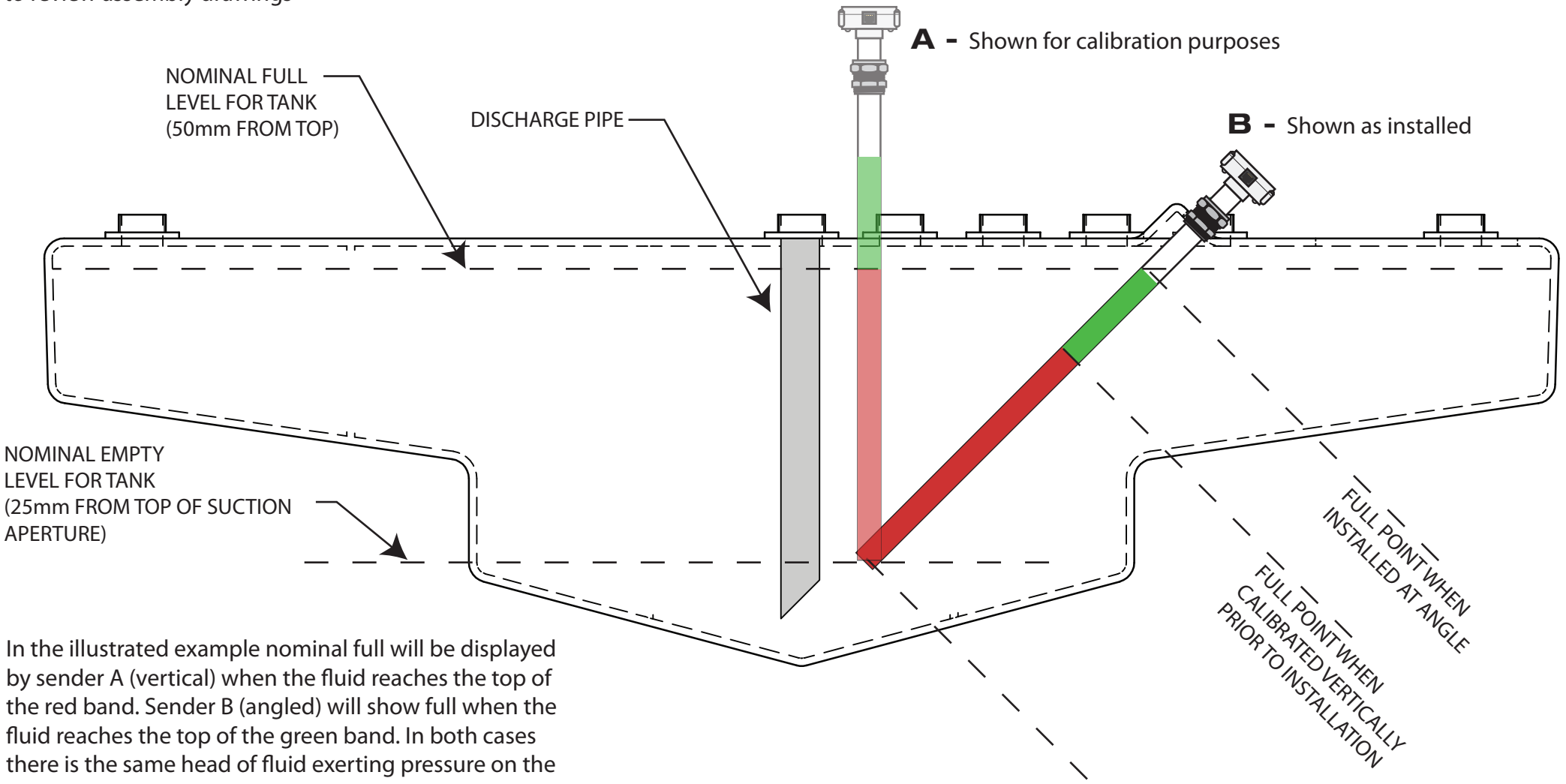
ENERGY SOLUTIONS

ORDERING INFORMATION FOR SENDERS MOUNTED AT AN ANGLE - BLACK AND GREY

Energy Solutions calibrate all senders vertically. The sender uses a pressure transducer at the base of the sender. The illustration below shows how the *physical distance* from empty to full varies when the sender is tilted. However, because we are measuring pressure the full point is not the distance from the end of the sender but the vertical height of the fluid above the pressure transducer. For this reason a calibration height must be provided based upon the sender being mounted vertically i.e. the top of the red bar in the vertical illustration. If you have any questions please contact Energy Solutions for further advise. We are happy to review assembly drawings

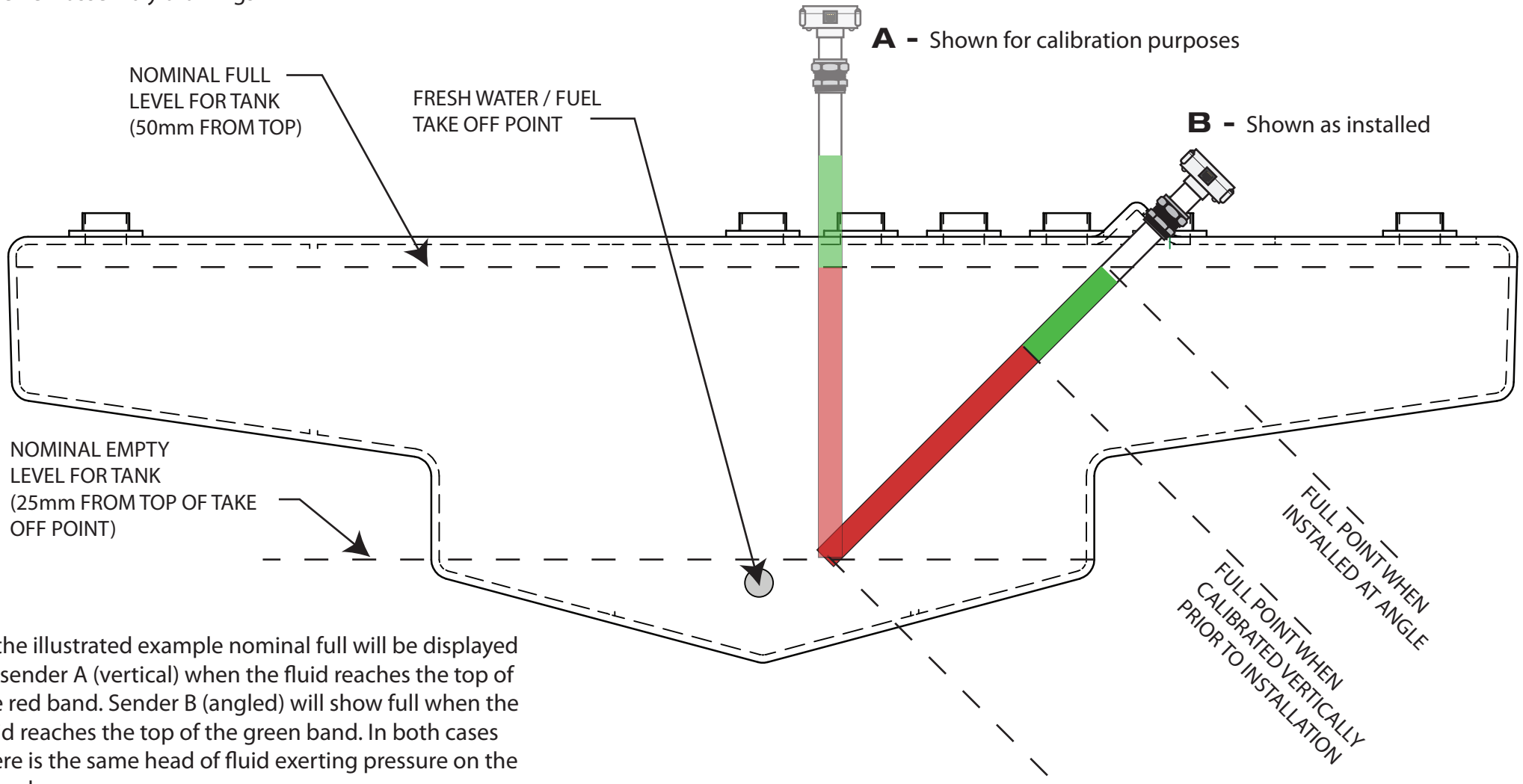


In the illustrated example nominal full will be displayed by sender A (vertical) when the fluid reaches the top of the red band. Sender B (angled) will show full when the fluid reaches the top of the green band. In both cases there is the same head of fluid exerting pressure on the transducer

ENERGY SOLUTIONS

ORDERING INFORMATION FOR SENDERS MOUNTED AT AN ANGLE - FRESH WATER / FUEL

Energy Solutions calibrate all senders vertically. The sender uses a pressure transducer at the base of the sender. The illustration below shows how the *physical distance* from empty to full varies when the sender is tilted. However, because we are measuring pressure the full point is not the distance from the end of the sender but the vertical height of the fluid above the pressure transducer. For this reason a calibration height must be provided based upon the sender being mounted vertically i.e. the top of the red bar in the vertical illustration. If you have any questions please contact Energy Solutions for further advise. We are happy to review assembly drawings

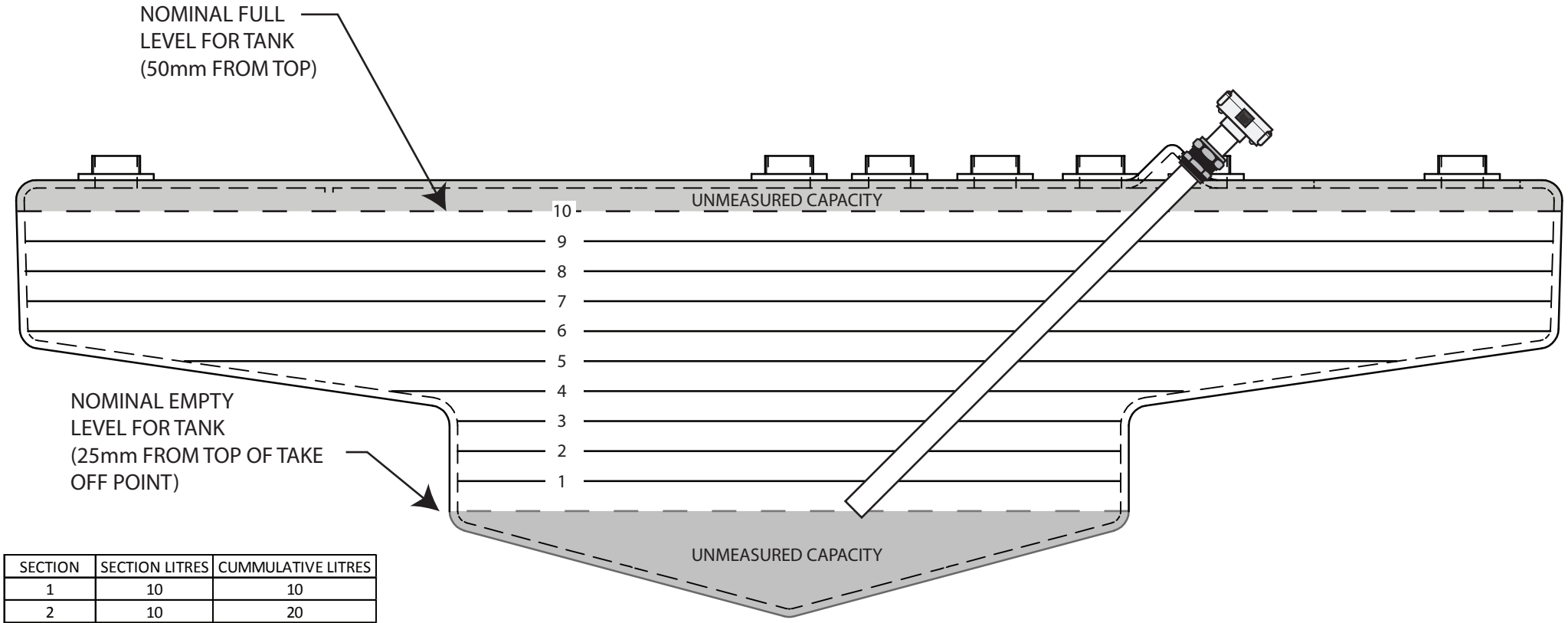


In the illustrated example nominal full will be displayed by sender A (vertical) when the fluid reaches the top of the red band. Sender B (angled) will show full when the fluid reaches the top of the green band. In both cases there is the same head of fluid exerting pressure on the transducer

ENERGY SOLUTIONS

CONTENTS INFORMATION FOR SHAPED TANKS

When suppling tank contents tables please ensure that values are given between nominal empty and nominal full as shown below. Divide the measured vertical height into 10 eqaul vertical segments and provide a matching table of capacities at those levels.



SECTION	SECTION LITRES	CUMMULATIVE LITRES
1	10	10
2	10	20
3	10	30
4	12	40
5	14	52
6	16	66
7	18	82
8	18	100
9	18	118
10	18	136