



SMC offer a full line of standard accessories to accompany the SMC-00 and SMC-10 Motion Reference Unit ranges. These are accessories selected or designed by SMC to aid with installation, performance and environmental factors.

Wall Mounting Bracket

The bracket is designed to simplify wall mounting installations combined with easy motion sensor alignment. One advantage with it is that the motion sensor can be removed for servicing or recalibration and repositioned in exactly the same position. Standard supply is Bracket, Baseplate adapter and fixation screws.

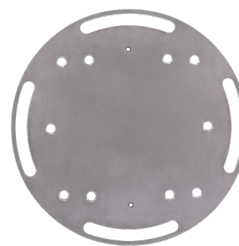
Material: 316L Stainless Steel



Baseplate adapter

The bracket base plate has two pins that correspond to two of the notches in the Motion sensor base. Alignment adjustments can then be made by rotating the bracket adapter. This adapter can be used as a standalone option or together with a SMC wall mounting bracket.

Material: 316L stainless steel.



Enclosure Marine Grade 316L stainless Steel

A corrosive resistant Marine Grade AISI 316L Stainless Steel material. The enclosure is delivered including a terminal list, cable glands mounted in a cable entry flange and a mounting bracket with an adapter for the SMC motion sensor range SMC-00x and SMC-10x.

The enclosure size is L500 x H400 x W250mm and has an IP66 rating for water and dust and IK10 for impact force. The enclosure has a weight of 17 kg including the mounting bracket and terminal list but excluding the motion sensor weight.



Aluminium ExD

Saltwater resistant aluminium, covered with polyurethane paint material Ex D enclosure option for the motion sensor for installations in Hazardous Areas. The Motion sensor is mounted by certified personnel and connected to the terminals.

Class: Ex II2G Ex d IIb T6 Gb Cert: INERIS 02ATEX0071X

The enclosure size is: L535 x W468 x H257 mm and has an IP65 rating for water and dust. The enclosure has a weight of 43kg including the mounting bracket and terminal list and the motion sensor. The Motion sensor is mounted by ATEX certified engineers.



Junction Box

SMC standard junction box in GRP Glass Reinforced Plastic is suitable for all SMC MRU ranges.

Material: GRP Glass Reinforced Plastic
Advantage: Improved Corrosion Resistance
Dimensions: LxWxD 160x160x90mm



Cables

As standard with both IP66 surface and IP68 30m depth rated options a 10m cable is offered.

If additional cable lengths are required these can be ordered as modifications or optional extras.

IP66 Cable for all Surface Motion Reference Units
TPU, shielded 19 core cable
5m, 10m (standard), 20m, 30m

IP68 Cable for Submersible Motion Reference Units G3
Seacon Neoprene, 12 core cable
10m (standard), 30m

IP68 Cable for Submersible Motion Reference Units G4
MCIL21F, 21 core cable
10m (standard), 30m



About SMC

SMC is an ISO9001:2015 quality management certified company, manufacturing motion sensors and system integration software packages, environmental and weather monitoring systems.

