

Declaration of Conformity (EMC test)

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Subject : Declaration of Conformity (EMC Test)

Types: **OSCG- Cable Glands**

OS-E1UF **, E1U **, E1WF **, E1XF **, E1W **, E1X **, OSNJ-CW**, OSER-Z **, OSCU **, OSPGM-Z **

As the electrical device is becoming more complex and complicated, the importance of electromagnetic compatibility (EMC) became a controversial issue.

EMC directive regulates the generation of unacceptable electromagnetic pollution or interference between equipment or system connections. The cable glands manufactured by OSCG are not in the scope of the EMC as they do not generate emitting electromagnetic interference (EMI) or are not affected by. Furthermore, Gland Manufacturers Trade Committee (GMTC) guides states that EMC test is not required for cable glands.

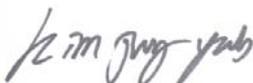
However, in order to remove the clients concern of EMC performance by installation of OSCG cable glands with electrical devices, the test in accordance with EMC directive was carried out. It appeared that cable glands with excellent earthing properties provide a earthing path to the armour or shield of the cable, which did not impair or affect adversely on the EMC performance.

The test procedure was that OSCG cable glands were carried out in an emission measurement test by 3 metre class A and B radiated in accordance with EN 55022. The result shows that cable used with or without the OSCG cable glands has no significant impact on the EMC performance.

In conclusion:

OSCG cable glands provide an excellent earthing path by rounding 360° earthing connection to the armour or shield of the cable. Therefore, the use of OSCG cable glands does not degrade EMC performance. Consequently, the interaction between OSCG cable glands and EMC was not shown.

Issued by:



We declare that the above articles were developed and manufactured in the responsibility of OSCG Co., Ltd

Busan, 11 May, 2018

OSCG Co., Ltd.