



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	IMI International s.r.o. – NORGREN CZ
Address	Evropská 852, Modrice, 664 42, Czech Republic
Place of Production	IMI International s.r.o. – NORGREN CZ Evropská 852, Modrice, 664 42, Czech Republic
Type	Switches - Pressure
Description	Pneumatic and hydraulic pressure switches Types Pneumatic pressure switch types: 0880241, 0880341, 0880441, 0880641 Hydraulic pressure switch types: 0882141, 0882241, 0882341
Trade Name	Series 18 D
Application	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1- 1996
Specified Standard	en 5.11.008; 6/2015 en 5.11.108; 6/2015 Series 18 D Datasheets

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Ratings

Types/Operating pressure ranges (bar): 0880241/0,2 to 2, 0880341/0,5 to 8, 0880441/1 to 16, 0880641/1 to 30; 0882141/5 to 70, 0882241/10 to 160, 0882341/25 to 250.

Temperature of Medium: 0°C to 70°C.

Maximum contact load: 250 V AC, 0,1 A.

Degree of Protection: IP 65.

Other Conditions

Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/ or surveyed to be installed in ships classed or intended to be classed with LR.

If the specified standards are amended during the validity of this certificate, the product is to be re- approved prior to it being supplied to vessels to which the amended standards apply.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

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Previous Version: LR21190375TA-01

The Design Appraisal Document TSO/25-043188/SP/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.