



Certificate No:
TAE00004TN

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Conduit, Fitting, Cable Pipe, Box, Etc.

with type designation(s)
MH F, FL21, MC4,

Issued to

Trelleborg Industrial Products Finland Oy
Sastamala, Finland

is found to comply with

DNV rules for classification – Ships, offshore units, and high speed and light craft

Application :

Products approved by this certificate are accepted for installation on all vessels classed by DNV.

Issued at **Høvik** on **2024-12-06**

This Certificate is valid until **2029-12-05**.

for **DNV**

DNV local station: **Finland CMC**

Approval Engineer: **Nicolay Horn**

.....
Frederik Tore Elter
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: TA 251

Revision: 2021-03

www.dnv.com

Page 1 of 3

Product description

Multigates – Cable gland plates for leading through vables.

Product variant	Model	Service temperature	Material	IP degree
MH F	MH 10 F 12-1	-40 - +90 °C	Material V-0	IP66
	MH 16 F 17-1	-40 - +90 °C	Material V-0	IP66
	MH 24 F 20-1	-40 - +90 °C	Material V-0	IP66
	MH 24 F 23-1	-40 - +90 °C	Material V-0	IP66
	MH 24 F 17-2	-40 - +90 °C	Material V-0	IP66
	MH 24 F 17-3	-40 - +90 °C	Material V-0	IP66
	MH 24 F 19-1	-40 - +90 °C	Material V-0	IP66
	MH 24 F 22-1	-40 - +90 °C	Material V-0	IP66
	MH 24 F 23-2	-40 - +90 °C	Material V-0	IP66
	MH 24 F 27-1	-40 - +90 °C	Material V-0	IP66
	MH 24 F30-1	-40 - +90 °C	Material V-0	IP66
	MH 24 F30-2	-40 - +90 °C	Material V-0	IP66
	MH 24 F30-3	-40 - +90 °C	Material V-0	IP66
	MH 24 F31-1	-40 - +90 °C	Material V-0	IP66
	MH 24 F 42-1	-40 - +90 °C	Material V-0	IP66
	MH 24 F 125-1	-40 - +90 °C	Material V-0	IP66
FL21	MC3	-40 - +100 °C	Material V-0	IP65
	MC25	-40 - +100 °C	Material V-0	IP65
	MC35	-40 - +100 °C	Material V-0	IP65
	MC3/7	-40 - +100 °C	Material UL 94 V-0	IP66/67
	MC25/27	-40 - +100 °C	Material UL 94 V-0	IP66/67
	MC35/37	-40 - +100 °C	Material UL 94 V-0	IP66/67
MC4	MC4	-40 - +100 °C	Material UL 94 V-0	IP65

Application/limitation

Not for use through areas where water or gas tightness is required. Nor through areas of different fire or hazardous zones.

Not for deck penetration.

Type Approval documentation

Tests carried out

Type tests in accordance with IEC 60670-1, UL 94 flame retardancy

Marking of product

Trelleborg - Type - Size - Ref. no.

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval is complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Assessment to be performed at 2 and 3.5 years and at renewal.



Job Id: **262.1-039016-1**
Certificate No: **TAE00004TN**

END OF CERTIFICATE