

Type Approval Certificate



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

Certificate No. **47 095 - 03 HH**
Company **Hummel AG**
Lise-Meitner-Str. 2
79211 Denzlingen, GERMANY

Product Description **Circular connector**

Type **M23 - V4A**

Environmental Category **F**

Technical Data /
Range of Application **Cable plug and receptable
inline receptable**

6,7,9,12 pole type **150V AC**
16,17,19 pole type **100V AC**

Ingress protection: **IP X8 (3bar) EN 60529 (plug)**
material body: **1.4404 as per EN 10088-3**
insulation material: **PBT, PA6 (UL 95-V0)**
temperature range: **-40°C - + 45°C (120°C)**
vibration: **4g as per GL -characteristic curve 2**

contact size 1mm diameter **8A**
contact size 2 mm diameter **20A**

Test Standard **GL-Guidelines for the Performance of Type Approvals, chapter 2, edition 2012
DIN EN 60529:2000**

Documents **paconsult report 420-04 dated 1.7.2004**
Hummel type test report 04-10 09 dated 5.01.2005

Remarks **Assembling instruction of the manufacturer to be observed**

Valid until **2018-04-22**

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File No. **I.O.05**

Hamburg, 2013-04-23

Type Approval Symbol



Germanischer Lloyd

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