

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. **99 400 - 97 HH**

Company **Prismian Kabel und System GmbH
Kabelwerk Neustadt
Austraße 99
96465 Neustadt b. Coburg, GERMANY**

Product Description **Halogen free shipboard bus cable**

Type **SIENOPYR Shipboard-Duplex-Optical Fibre Cable
MI-VHH 2G 62,5/125 3,1B200+0,8F600 + 2x1Cu 300V**

Environmental Category **None**

Technical Data /
Range of Application **Rated voltage: 300 V
Max. operating conductor temperature: 80° C
Conductor: Stranded copper conductor
Insulation: EPR
Optical fibre: Multimode gradient optical fibre
G62,5/125/900 with strain-bearing element and
protective jacket of polyolefin
Screen /braid: Plain copper wire braiding
Covering: Filling compound
Outer sheath: SHF1 compound**

Application category: 1

**Number of cores: 4 (2 x 1mm² copper conductor and
2 x 3mm optical fibre)**

Test Standard **Product specification 50PS117 edition 4:2011, IEC 60332-1-2:2004,
IEC 60332-3-22:2008, IEC60754-2:1997**

Documents **Data sheet SIENOPYR-FR Profibus:2008,
Type test certificate TP 3/025/11:2012 with enclosures**

Remarks **None**

Valid until **2017-08-16**

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File No. **I.N.01**

Hamburg, 2012-08-16

Type Approval Symbol



Germanischer Lloyd

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This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".