



Type Approval Certificate

Germanischer Lloyd

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. **1888811 HH**

Company **Saia-Burgess Controls AG**
Bahnhofstrasse 18
3280 Murten, SWITZERLAND

Product Description **PLC**

Type **PCD3.M90**

Environmental Category **C EMC1**

Technical Data /
Range of Application **Supply Voltage: 24 V DC**
Power Consumption: max. 12 W
CPU PCD3.M90: 1MB SRAM / Onboard flash: 1MB (File system)
Ethernet TCP/IP (10/100 Mbit/s) and 1x RS 485
Watchdog Relay
On the dedicated I/O board: 1x RS 232, 1x RS 485,
1Slot for PCD7.F1xx module
1x Slot M1 for Flash memory module PCD7.R5xx
1x Slot M2 for SD card memory PCD7.R-SD up to 512 MB
10 digital inputs, (5 config. as analogues inputs 0 – 10 V)
12 relay outputs 250VAC, 4A (4 with change over contact, 3 connectors)
8 digital outputs
8 analogue inputs 12Bit, 0...10V / 0...20 mA / PT/NI1000 / NTC10
8 analogues outputs, 0-10V, 12Bit
I/O Extension module connector
Software Version: Firmware Version 1.1x.xx dated 2009-03-09

Test Standard **Guidelines for the Performance of Type Approvals VI-7-2, Edition 2003**
Regulations for the Use of Computers and Computer Systems

Documents **Test report : 6522-1 Version 1 dated 23-09-2010; STS 024 dated 05-01-2011 and**
10008-MP_TATR-PCD3M 90 dated 13-12-2010
Part List DDC 124466060 dated 25-10-2010
User Manual PCD3.M90 Rev. 10 dated 09-01-2011

Remarks **None**

Valid until **2016-09-22**

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File No. **I.B.07**

Hamburg, 2011-09-23

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Marco Rinkel

Andrea Grün

This certificate is issued on the basis of "Regulations for the Performance of Type Tests, Part 0, Procedure".



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Options:

R-SD256 Saia PCD® SD Flash memory card 256 Mbytes

R-SD512 Saia PCD® SD Flash memory card 512 Mbytes

F110: Serial Interface module RS 422 / RS 485 up to 115,2 kbit/s

F120: Serial Interface module RS 232 up to 38,4 kbit/s

F130: Serial Interface module current loop 20 mA

F150: Serial Interface module RS 485 with galvanic isolation up to 115,2 kbit/s

F180: Serial Interface module for Belimo MP-Bus, max. 8 actuators and sensors connectable

PCD3.M90 CUS XY Z

CUS: designation, XY: Variant, Z: Operating system (0 or 7)

0: Operating System Saia PCD® COSinus (classic)

7: Operating System Step7 compatible (xx7)

Software: Programmable with Saia PG5®

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