

Appendix 1.1. Supplier Statement

Supplier name	Kendrion Kuhnke Automation GmbH
Supplier address	Lütjenburger Strasse 101
City	23714 Malente
Country	Germany
Phone	+49 4523 402 0
Fax	+49 4523 402-201
Website	www.kuhnke.kendrion.com
Product name	Kuhnke FIO Safety PLC
Product version	1.0
Release date	2017-07-04
Certified by	TÜV Rheinland Industrie Service GmbH

I hereby state that the following tables as filled out and submitted correspond to our product and the accompanying user manual, as stated above.

Name of representative:

Andreas von Döhren

Date of signature (dd/mm/yyyy):

11.07.2017

Signature:



Supported Functions and FBs – Extended Level	Supported	Comments (< 48 Words)
AND	X	
OR	X	
XOR	X	
NOT	X	
ADD	X	
MUL	X	
SUB	X	
DIV	X	
GT, GE, EQ, LE, LT, NE	X	all supportet
Selection functions		SEL, MUX
Type conversion functions	X	BOOL_TO_INT; BOOL_TO_DINT; BOOL_TO_TIME; BOOL_TO_WORD; BYTE_TO_INT; BYTE_TO_DINT; BYTE_TO_TIME; BYTE_TO_WORD; DINT_TO_BOOL; DINT_TO_BYTE; DINT_TO_INT; DINT_TO_TIME; DINT_TO_WORD; DINT_TO_DWORD; DWORD_TO_DINT; DWORD_TO_TIME; INT_TO_BOOL; INT_TO_BYTE; INT_TO_DINT; INT_TO_DWORD; INT_TO_TIME; INT_TO_WORD; TIME_TO_BOOL; TIME_TO_BYTE; TIME_TO_INT; TIME_TO_DINT; TIME_TO_WORD; TIME_TO_DWORD; WORD_TO_BOOL; WORD_TO_BYTE; WORD_TO_DINT; WORD_TO_INT; WORD_TO_TIME; WORD_TO_DWORD
Time functions		Specify which
TON		
TOF		
TP		
CTU		
CTD		
CTUD		
Bistable FBs		Specify which
Edge detection		Specify which
Others?		Specify which

Table 5: Supported Functions and Function Blocks at Extended Level

Appendix 1.3. Overview of the supported Function Blocks

Function Blocks	Supported	Comments (<= 48 Characters)
SF_Equivalent	X	
SF_Antivalent	X	
SF_ModeSelector	X	
SF_EmergencyStop	X	
SF_ESPE	X	
SF_SafeStop1		
SF_SafeStop2		
SF_SafetyGuardMonitoring	X	
SF_SafelyLimitedSpeed		
SF_TwoHandControlTypeII	X	
SF_TwoHandControlTypeIII	X	
SF_GuardLocking	X	

SF TestableSafetySensor	X	
SF MutingSeq	X	
SF MutingPar	X	
SF MutingPar_2Sensors	X	
SF EnableSwitch	X	
SF SafetyRequest	X	
SF OutControl	X	
SF EDM	X	

Table 6: Overview of the function blocks