



Device Registration

Manufacturer	Pepperl+Fuchs GmbH Lilienthalstrasse 200 68307 Mannheim Germany	
Model Type	*D0-MIO-Ex12.FF.* Discrete I/O Block	
H1 ITK Profile	6	
Manufacturer Identification (MANUFAC_ID)	0x502B46	
Device Type (DEV_TYPE)	0x0007	
Device Revision (DEV_REV)	0x01	
Stack Communication Profiles	31PS	
H1 Physical Layer Profiles	111, 113, 511	
Device Test Campaign	IT110300	
Support File Test Campaign	IT117500	
Stack Test Campaign	CT1001FF	
H1 Physical Layer Test Report	PT-536	
Device Descriptions	0104.FFO	(CRC: 0xDA1F8FFA)
	0104.SYM	(CRC: 0x6B769966)
	0104.FF5	(CRC: 0x32B22A7D)
	0104.SY5	(CRC: 0x6B769966)
Capability File	010102.CFF	(CRC: 0x699D2D47)
Mandatory Features	Resource Block Alarms and Events Function Block Linking Trending Multi-Bit Alert Reporting Field Diagnostics	
Additional Features	Block Instantiation Common Software Download	
Function Blocks	Analog Input Discrete Input Discrete Output Multiple Discrete Input Multiple Discrete Output	
Registration Number	IT/110300/2	
Registration Program	FF-524 2.11	
Date Issued	2018-07-18	

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Mark**

Use of mark subject to
Graphic Identity Style Guide



FOUNDATION

Ted Masters

President and Chief Executive Officer

EXHIBIT A

Device Under Test	
Manufacturer:	Pepperl+Fuchs
Model:	*D0-MIO-Ex12.FF.*
Type:	Discrete I/O Block
Revision:	1
Serial No:	40000051576612
Device ID:	0007
MANUFAC ID:	0x502b46
DEV_TYPE:	0x0007
DEV_REV:	0x01
VFD Name:	FP_APP
Comm. Profile Class:	31PS
Device Test Campaign #:	IT110300
Device Test End Date:	1/6/2017
Tested Blocks:	1-RB2(e), 4-DO(e), 2-DI(e), 1-AI(e), 1-MDO(e), 1-MDI(e)
Untested Blocks:	4-TB(c)
Stack	
Manufacturer:	Pepperl+Fuchs
Revision:	3.00
Test Campaign Number:	CT1001FF
Physical Layer	
Test Campaign Number:	PT-536
Profile Class:	111, 113, 511
Latest Device Descriptions	
DD4 Test Campaign #:	IT117500
DD4 File Names:	0104.FFO / 0104.SYM
DD4 Test Date:	7/18/2018
DD5 Test Campaign #: IT117500	
DD5 File Names:	0104.FF5 / 0104.SY5
DD5 Test Date:	7/18/2018
Latest Capabilities File	
CF Test Campaign #:	IT117500
CF File Name:	010102.CFF
CF Test Date:	7/18/2018