



# FWDRxx \*1) P1A

e.g. FWDR15P1A

\*1) xx No. of contacts 09, 15 or 25

xx	A mm	B mm	C mm	*øE mm	*øF mm
09	40	16.9	25		
15	48.3	25.2	33.3	ø1	ø3
25	62	38.9	47.04		

\*PCB hole patterns, øE and øF on supplement AM0023

\*2) Dimension starts from front surface of shell (Part-No. 2)

max. torque are 40 Ncm  
 D-Sub connector with watertight frame,  
 Protection standard IP67, 100% checked  
 according to DIN EN 60529 (compl. mounted)

No.	St.	Part	Type Description/Material	SCALE	TITLE
6	2	2	SNAP-IN BOLT	ISO 2768-M	2.1
5	xx	xx	SIGNAL CONTACT		
4	1	1	O-RING SEAL		
3	1	1	WATER TIGHT FRAME		
2	1	1	SHELL		
1	1	1	INSULATOR		
			Pcb 1.6mm 4-40 / Brass		tin plated
			P1 / Brass		AuroPur / 0.1-0.2µm Au
			Silicone / UL94V-0		red
			PBT		black
			Brass		tin plated
			PBT (-25°C - +70°C)		red
					Surface plating/Colour/Class

Measurement without tolerance acc. to ISO 2768-M

NAME / DATE: fctgroup.com / 10.07.2013

DRAWN: Arke Meyer-Richter

CHECKED: 11.07.2013

SCALE: 2.1

TITLE: Waterproof Connector System

DWG. NO.: FWDRxxP1A

REV.: 1

PAGES: 1

REPLACEMENT FOR:

ORIGINAL: DIN A3-DRAWING AS A FILE

CH.-NO.:

DATE:

REV.: