



# 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	ø1	ø3
15	48.3	25.2	33.3		
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	Surface plating/Colour/Class
6	2	Snap-in bolt	PCB 1.6mm 4-40 / Brass	tin plated	
5	xx	Signal contact	P1 / Brass	AuroPur / 0.1-0.2µm Au	
4	1	O-ring seal	Silicone / UL94V-0	red	
3	1	Watertight frame	PBT	black	
2	1	Shell	Brass	tin plated	
1	1	Insulator	PBT (-25°C - +70°C)	red	

Measurement without tolerance occ. to ISO 2768-m

SCALE 2:1

NAME / DATE

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TITLE Waterproof Connector System

DWG.NO. FWDRxxP1A

REV. 1

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