## **Electrical adapters NEFU, universal** Technical data

**FESTO** 

Control cabinet through-hole NEFU-D12G4

• Control cabinet through-hole for Ethernet connecting cables with M12 connection



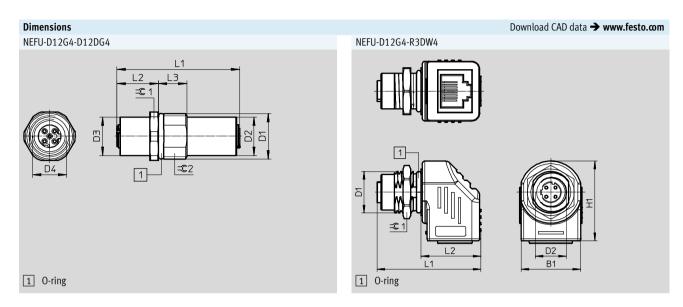
General technical data						
Туре		NEFU-D12G4-D12DG4	NEFU-D12G4-R3DW4			
Electrical connection 1		Straight socket, 4-pin, M12x1, D-coded	Straight socket, 4-pin, M12x1, D-coded			
Electrical connection 2		Straight socket, 4-pin, M12x1, D-coded	Angled socket, 4-pin, RJ45			
Conforms to standard		EN 61076-2-101	EN 61076-2-101			
		-	IEC 60603-7-3			
Transmission characteristics		In accordance with category 5, EN 50173, class D				
		In accordance with category 5, ISO/IEC 11801, class D				
Operating voltage range	[V DC]	030				
Surge resistance	[kV]	0.8				
Acceptable current load at	[A]	4	2			
40°C						
Type of mounting		Screw-clamped Screw-clamped				
Nominal tightening torque	[Nm]	0.5 (for plug connector M12x1)				
	[Nm]	2.5 (hex nut for mounting in control cabinet)				
Degree of protection to EN 60529		-	IP20			
		IP65	IP65			
		IP67	IP67			

Materials				
Туре	NEFU-D12G4-D12DG4	NEFU-D12G4-R3DW4		
Housing	Nickel-plated brass	PA, nickel-plated brass, die-cast zinc		
Housing colour	Silver	Black		
Pin contacts	Gold-plated brass	Gold-plated brass		
Note on materials	RoHS compliant	RoHS compliant		
	Free of copper and PTFE	Free of copper and PTFE		
	Contains PWIS (paint-wetting impairment substances)	-		

Operating and environmental conditions					
Туре	NEFU-D12G4-D12DG4	NEFU-D12G4-R3DW4			
Ambient temperature [°C]	−25 +85	−5 +60			
Degree of contamination	3	3			

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## Mounting aperture



Туре	B1	D1	D2	D3	D4	H1	L1	L2	L3	=©1	=© 2
NEFU-D12G4-D12DG4	-	M16x1.5	13.5	13.5	M12x1	-	43.2	14.6	10	SW17	SW14
NEFU-D12G4-R3DW4	23	M16x1.5	M12x1	-	-	30.7	40.1	23.1	-	SW18	-
Mounting aperture	13.8	16	-	-	-	-	-	-	-	-	-

Ordering data				
	Electrical connection 1	Electrical connection 2	Part No.	Туре
	Straight socket, 4-pin, M12x1, D-coded	Straight socket, 4-pin, M12x1, D-coded	8040459	NEFU-D12G4-D12DG4
		Angled socket, 4-pin, RJ45	8040457	NEFU-D12G4-R3DW4