

Electrical adapter NEFC

FESTO



Type code

001	Series	
NEFC	Electrical adapter for controllers	
002	Connection technology 1	
S1	Sub-D	
M12	M12x1, A-coded to EN 61076-2-101	
003	Cable outlet right	
G	Straight	
004	Number of pins/wires on the right	
5	5	
8	8	
25	25	
005	Cable length	
	None	
0.3	0.3 m	

006	Connection technology 2	
U1	USB	
C2	Screw terminal	
M12	M12, A-coded	
007	Cable outlet left	
G	Straight	
W	Angled	
008	Number of pins/wires on the left	
5	5	
25	25	
009	Bus protocol/activation	
	None	
LK	IO-Link®	
010	Degree of protection, electrical system	
	Standard	
S6	IP40	
S7	IP20	

Datasheet

General technical data – Adapter

Degree of protection	IP20	IP65, IP67
Type of mounting	Screw-in	–
Electrical connection	5-pin, M12x1, Plugs	–
Cable structure	4 x 0.34 mm ²	5 x 0.34 mm ²
Cable length	0.3 m	
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive	
UKCA marking (see declaration of conformity)	To UK RoHS instructions	
Corrosion resistance class CRC	0 - No corrosion stress	2 - Moderate corrosion stress

Operating and environmental conditions, adapter

Degree of protection	IP20	IP65, IP67
Ambient temperature	-5 ... 50°C	-25 ... 90°C

Materials adapter

Degree of protection	IP20	IP65, IP67
Material cable sheath	PUR	TPE-U(PUR)
Material housing	ABS	TPE-U(PUR)
Material electrical contact	Gold-plated brass	Brass
Note on materials	RoHS-compliant	
LABS (PWIS) conformity	VDMA24364-B2-L	

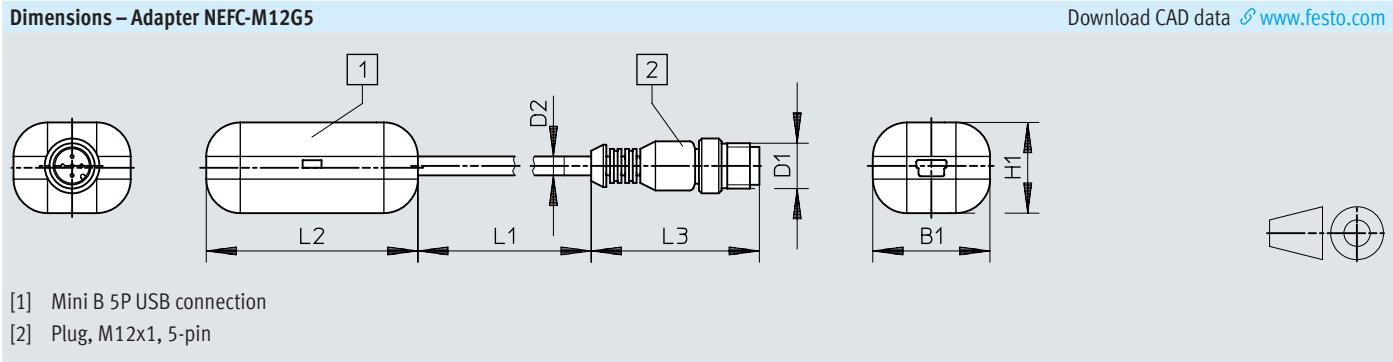
General technical data for connection block and plug

Corrosion resistance class CRC	0 - No corrosion stress
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Materials for connection block and plug

Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III

Dimensions



	B1	D1	D2 Ø	H1	L1 ±10	L2	L3
NEFC-M12G5-0.3-U1G5	31	M12x1	5	24	300	56	44,5

Ordering data

Adapter NEFC-M12G5					
	Electrical connection	Cable length	Part no.	Type	
	5-pin, M12x1, Plugs	0.3 m	547432	NEFC-M12G5-0.3-U1G5	

Adapter NEFC-M12G8						
	Electrical connection 1, connector system	Electrical connection 2, connector system	Electrical connection 2, number of connections/cores	Cable length	Part no.	Type
	M12x1, A-coded to EN 61076-2-101	M12x1, A-coded to EN 61076-2-101	5	0.3 m	8080777	NEFC-M12G8-0.3-M12G5-LK

Manifold block			
	Description	Part no.	Type
	is used for simple and clear wiring.	8001371	NEFC-S1G25-C2W25-S7

Plug			
	Description	Part no.	Type
	25-pin Sub-D plug connector. Each core can be individually assembled using screw terminals.	8001372	NEFC-S1G25-C2W25-S6