

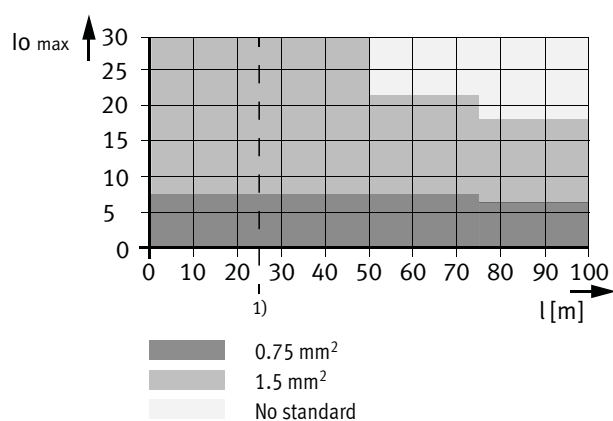
Accessories

Technical data – Cables		
Designation	Motor cable	
For motor	EMME-AS-4 0/60	EMME-AS-8 0/100
Type	NEBM-M16G8-...-Q7-...	NEBM-M16G8-...-Q9-...
Cable composition	2x (2x 0.25 mm ²) (3 A, 48 V, 0.5 KV)	2x (2x 0.5 mm ²) (8 A, 300 V, 2.5 KV)
	4x 0.75 mm ² (12 A, 600 V, 2.5 KV)	4 x 1.5 mm ² (16 A, 600 V, 2.5 KV)
	Screened	
Contamination level	3	
Min. bending radius [mm]	110	128
Ambient temperature [°C]	-50 ... +90	-50 ... +90
Ambient temperature ¹⁾ [°C]	-40 ... +90	-40 ... +90
Cable characteristic	Suitable for energy chains	
Degree of protection	IP65 (in mounted state)	
Material	Polyurethane	
Note on materials	RoHS-compliant	
PWIS conformity	VDMA24364-B2-L	
CE marking (see declaration of conformity)	To EU Low Voltage Directive	
	To EU RoHS Directive	
UKCA marking (see declaration of conformity)	To UK regulations for electrical equipment	
	To UK RoHS instructions	

Designation	Encoder cable	
For motor	EMME-AS-4 0/60/8 0/100	
Type	NEBM-M12G8-...	
Cable composition	4x (2x 0.14 mm ²)	
	Screened	
Contamination level	3	
Min. bending radius [mm]	68	
Ambient temperature [°C]	-40 ... +80	
Ambient temperature ¹⁾ [°C]	-5 ... +80	
Cable characteristic	Suitable for energy chains	
Degree of protection	IP65 (in mounted state)	
Material	Polyurethane	
Note on materials	RoHS-compliant	
PWIS conformity	VDMA24364-B2-L	

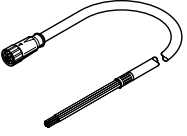
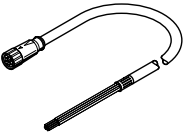
1) With flexible cable installation

Recommended cable cross section as a function of cable length l and max. motor current I_0




1) Cable lengths > 25 m possible following technical clarification; up to 99.9 m on request.

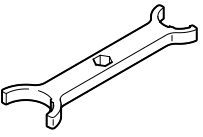
Accessories

Ordering data		Cable length [m]	Part no.	Type
Motor cable				
	For EMME-AS-4 0/60 with CMMP-AS (cable cross section: 0.75 mm²)			
	2.5	★ 8004662	NEBM-M16G8-E-2.5-Q7-LE8	
	5	★ 8003770	NEBM-M16G8-E-5-Q7-LE8	
	7.5	★ 8004663	NEBM-M16G8-E-7.5-Q7-LE8	
	10	★ 8003771	NEBM-M16G8-E-10-Q7-LE8	
	15	★ 8003772	NEBM-M16G8-E-15-Q7-LE8	
	X length ¹⁾	8003773	NEBM-M16G8-E-...-Q7-LE8	
	For EMME-AS-4 0/60 with CMMT-AS (cable cross section: 0.75 mm²)			
	2.5	5391541	NEBM-M16G8-E-2.5-Q7-LE8-1	
	5	5391543	NEBM-M16G8-E-5-Q7-LE8-1	
	7.5	5391548	NEBM-M16G8-E-7.5-Q7-LE8-1	
	10	8085952	NEBM-M16G8-E-10-Q7-LE8-1	
	15	8085953	NEBM-M16G8-E-15-Q7-LE8-1	
	X length ¹⁾	8085954	NEBM-M16G8-E-...-Q7-LE8-1	
	For EMME-AS-8 0/100 with CMMP-AS (power cable cross section: 1.5 mm²)			
	2.5	★ 8004660	NEBM-M16G8-E-2.5-Q9-LE8	
	5	★ 8003766	NEBM-M16G8-E-5-Q9-LE8	
	7.5	★ 8004661	NEBM-M16G8-E-7.5-Q9-LE8	
	10	★ 8003767	NEBM-M16G8-E-10-Q9-LE8	
	15	★ 8003768	NEBM-M16G8-E-15-Q9-LE8	
	X length ¹⁾	8003769	NEBM-M16G8-E-...-Q9-LE8	
	For EMME-AS-8 0/100 with CMMT-AS (power cable cross section: 1.5 mm²)			
	2.5	5391540	NEBM-M16G8-E-2.5-Q9-LE8-1	
	5	5391545	NEBM-M16G8-E-5-Q9-LE8-1	
	7.5	5391547	NEBM-M16G8-E-7.5-Q9-LE8-1	
	10	5391549	NEBM-M16G8-E-10-Q9-LE8-1	
	15	5391550	NEBM-M16G8-E-15-Q9-LE8-1	
	X length ¹⁾	5392489	NEBM-M16G8-E-...-Q9-LE8-1	

1) Choice of cable lengths: 0.5 ... 99.9 m, in increments of 0.1 m.

 **Note**

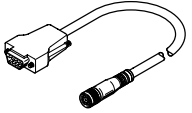
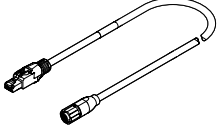
Cable lengths > 25 m possible following technical clarification.
In the case of motors with a holding brake, the max. cable length is 50 m.

Ordering data – Spanner		Part no.	Type
	Description	8074249	EADT-S-M2
	Spanner for attaching the cables to the motor. The spanner is included in the scope of delivery of the motor cable.		

Festo core product range

- ★ Generally ready for dispatch from the factory within 24 hours
- ★ Generally ready for dispatch from the factory within 5 days

Accessories

Ordering data		Cable length [m]	Part no.	Type
Encoder cable				
	For EMME-AS-4 0/60/8 0/100 with CMMP-AS			
	2.5	★ 8004664	NEBM-M12G8-E-2.5-N-S1G15	
	5	★ 8003762	NEBM-M12G8-E-5-N-S1G15	
	7.5	★ 8004665	NEBM-M12G8-E-7.5-N-S1G15	
	10 ²⁾	★ 8003763	NEBM-M12G8-E-10-N-S1G15	
	15 ²⁾	★ 8003764	NEBM-M12G8-E-15-N-S1G15	
X length ¹⁾²⁾	8003765	NEBM-M12G8-E-...-N-S1G15		
	For EMME-AS-4 0/60/8 0/100 with CMMT-AS			
	2.5	5212312	NEBM-M12G8-E-2.5-N-R3G8	
	5	5212313	NEBM-M12G8-E-5-N-R3G8	
	7.5	5212314	NEBM-M12G8-E-7.5-N-R3G8	
	10	5212315	NEBM-M12G8-E-10-N-R3G8	
	15	5212316	NEBM-M12G8-E-15-N-R3G8	
X length ¹⁾	5212317	NEBM-M12G8-E-...-N-R3G8		

1) Choice of cable lengths: 0.5 ... 99.9 m, in increments of 0.1 m.

2) EMC filter CAMF-C5-FC included in the scope of delivery.

Note

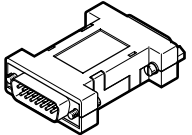
Cable lengths > 25 m possible following technical clarification.
 In the case of motors with a holding brake, the max. cable length is 50 m.

Ordering data – EMC filter

For cable lengths ≥ 10 m, the use of the EMC filter is recommended to reduce EMC interference.

For encoder cables ≥ 10 m, the filter is included in the scope of delivery of the cable.

The EMC filter is only required in combination with the motor controller CMMP-AS.

	Degree of protection	Ambient temperature	Part no.	Type
	IP30 (in mounted state)	-40 ... +80°C	4825847	CAMF-C5-FC

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- ★ Generally ready for dispatch from the factory within 5 days