Standard electrical controls cable connections

NEBA series A-coded cables (M8 x M12)
IP65,IP68,IP69K (PUR) “Static, energy, robotic all in one cable”
NECB field wireables (M8 x M12) screw type
NEDY / MPV sensor distributors for cable management
MSSD / KMF din connectors for valve coil connections
Power cables and field wireables
NEBV D-sub cables for valve manifolds
NEBC communication cables for valve manifolds and I/O systems



NEBA series
8078221 configuration code

A-coded Socket type cable			Straight		Elbow	
Left (socket)	Right (open)	Length (meters)	Festo item #	Mi item #	Festo item #	Mi item #
M8 x 3 pin	3 wires	2.5	8078223	15161913	8078230	15161920
		5	8078224	15161914	8078231	15161921
		10	8078225	15161915	8078232	15161922
M8 x 4 pin	4 wires	2.5	8078227	15161917	8078233	15161923
		5	8078228	15161918	8078234	15161924
		10	8078229	15161919	8078235	15161925
M12 x 5 pin	3 wires	2.5	8078236	15161926	8078245	15161935
		5	8078237	15161927	8078246	15161936
		10	8078238	15161928	8078247	15161937
M12 x 5 pin	4 wires	2.5	8078239	15161929	8078248	15161938
		5	8078240	15161930	8078249	15161939
		10	8078241	15161931	8078250	15161940
M12 x 5 pin	5 wires	2.5	8078242	15161932	8078251	15161941
		5	8078243	15161933	8078252	15161942
		10	8078244	15161934	8078253	15161943



A-coded socket type
with (LED Indication PNP) - elbow

Left (socket)	Right (open)	Length (meters)	Festo item #	Mi item #
M8 x 3 pin	3 wires	2.5	8078260	15161948
		5	8078261	15161949
M12 x 5 pin	3 wires	2.5	8078256	15161944
		5	8078257	15161945



A-coded plug cable - straight

Left (socket)	Right (open)	Length (meters)	Festo item #	Mi item #
3 wires	M8 x 3 pin	2.5	8078270	15161958
		5	8078271	15161959
4 wires	M8 x 4 pin	2.5	8078272	15161960
		5	8078273	15161961
5 wires	M12 x 5 pin	2.5	8078268	15161956
		5	8078269	15161957



A-coded Socket/plug type cable			Straight (socket/plug)		Elbow (socket) Straight (plug)	
Left (socket)	Right (plug)	Length (meters)	Festo item #	Mi item #	Festo item #	Mi item #
M8 x 3 pin	M8 x 3 pin	0.5	8078282	15161970	8078298	15161985
		1	8078283	15161971	8078299	15161986
		1.5	8078284	15161972	Configure	
		2	8078285	15161973		
		2.5	8078286	15161974	8078300	15161987
		5	8078287	15161975	8078301	15161988
		10	8078288	15161976	Configure	
M8 x 3 pin	M12 x 3 pin	0.5	8078278	15161966		
		1	8078279	15161967		
		2.5	8078280	15161968		
		5	8078281	15161969		
M8 x 4 pin	M8 x 4 pin	0.5	8078293	15161981		
		1	8078294	15161982		
		2.5	8078295	15161983		
		5	8078296	15161984		
	M12 x 4 pin	0.5	8078289	15161977		
		1	8078290	15161978		
		2.5	8078291	15161979		
		5	8078292	15161980		
M12 x 5 pin	M12 x 5 pin	0.5	8078274	15161962		
		1	8078275	15161963		
		2.5	8078276	15161964		
		5	8078277	15161965		

NECB field wireables (screw terminal type)

Plug	Connection	Description	Festo item #	Mi item #
	M8 x 3 pin	Single cable type	8162298	15162789
	M8 x 4 pin	Double cable type	8162300	15162791
		Single cable type	8162299	15162790
	M12 x 4 pin	Double cable type	8162295	15162786
		Single cable type	8162294	15162785
	M12 x 5 pin	Double cable type	8162297	15162788
		Single cable type	8162296	15162787
Socket				
	M12 x 4 pin	Straight type	8162290	15398134
		Angle type	8162292	15398136
	M12 x 5 pin	Straight type	8162291	15398135
		Angle type	8162293	15398137

Plug



Socket

NEDY sensor/actuator distributor
8032867 configuration code

Plug side	Cable length	Socket side X 2	Cable length	Festo item #	Mi item #
M8 x 3 pin	0	M12 x 1 - 5 pin (4 pins occupied)	0	8005310	11521647
M12 x 1 4 pin		M8 x 1 - 3 pin		8005311	11521648
M8 x 1 4 pin		M8 x 1 - 3 pin		8005312	07632119

MPV input manifolds
Connection D-sub 15 pin



Connection/stations	Festo item #	Mi item #
M8 x 3 pin - 8 station	177669	03163439
M8 x 3 pin -12 station	177670	03163440

Mating cable 15 pin D-sub



Description	Festo item #	Mi item #
D-sub 15 pin 5 m	177673	09178108
D-sub 15 pin 10 m	177674	04641630

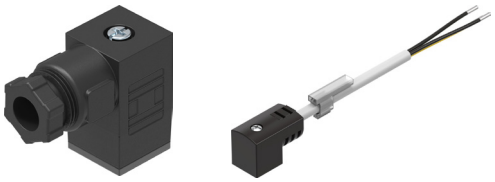


Description	Festo item #	Mi item #
M8 x cover connections	177672	11504680

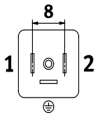
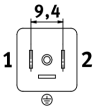
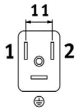
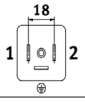


Power supply (field wireables)

Series	Description	Pins	Type	Festo item #	Mi item #
NECL	M12 x L-coded straight connector	5 pin	Plug	8166793	15162117
			Socket	8166791	15162115
	M12 x L-coded angle connector		Plug	8166794	15162118
			Socket	8166792	15162116
NECU	7/8 connection socket straight	5 pin	Socket	543107	07738392
		4 pin		543108	11509980
NTSD	M18 - socket straight	4 pin		18526	02332010
	M18 - socket angled			533119	11508292



MSSD din connectors
KMF din connectors with pre cord

Form	Cable fitting	Festo item #	Mi item #
C - 3 in	Standard din connector	151687	02785455
	M12 x 1 - 2 Pin (A code) din	188024	07499909
	AC voltage 5 meters	151691	02511646
	24 vdc 5 meters LED	151689	02458457
8 mm spacing			
C - 3 pin	Standard din connector	14098	03060207
			
9.4 mm spacing			
B - 3 pin	Standard din connector	34431	01844826
	Open wires -24vdc LED	30937	02130281
	Open wires -230vac	30938	03221579
	M12 x 1 - 0.6 m (angle) din	3679774	11520213
11mm spacing			
A - 3 pin	Standard din connector	34583	01635867
	Open wires - 24 vdc (LED)	30933	02982796
	Open wires - 230 vac	30934	11501508
18 mm spacing			

NEBV series
25 pin D-sub cables



Description		Length	Festo item #	Mi item #
Straight	Open - 25 wires	2.5	575417	11515406
		5	575418	11515407
		10	575419	11515408
Angle		2.5	575423	11515412
		5	575424	11515413
		10	575425	11515414

NEBC series
D-coded communication cables (straight)



Description		Length	Festo item #	Mi item #
M12 x 1 plug D-coded	M12 x 1 plug - D-coded	0.5	8040446	11522683
		1	8040447	07701034
		3	8040448	11522684
		5	8040449	11522685
		10	8040450	11522686
	RJ45 x 8 pin plug	1	8040451	08065224
		3	8040452	09304803
		5	8040453	11522687
		10	8040454	11522688

247885 EN 2025.6 Subject to change