COMPACT

MURR ELEKTRONIK

stay connected

Reduce Your Installation Space by 30% with Miniaturization

M8 D-coded Industrial Ethernet

Murrelektronik always has the right connector for your Industrial Ethernet applications. With our newest family member, the M8 D-coded connector, we are opening the doors to miniaturization for Industrial Ethernet and Profinet applications. The connector's compact dimensions reduce the needed installation space by 30%. This allows you to reduce your device's footprint without sacrificing performance.

Standardized in IEC 61076-2-114 and PNO compliant
- Investment security and interoperability are guaranteed

Fast Ethernet and POE capable
- 4-pole Cat. 5e (100 MBit/s)

Concealable, symmetrical M8 D-coding
- Prevents mismating in the application

Pre-assembled, overmolded, 100 % tested
- Guarantees error-free wiring of the Ethernet components

Small and compact
- 30 % Miniaturization of Ethernet components

IP65/67 Rated
- Ideal for use in rugged industrial environments

AWG22 (.34mm2) Industrial Ethernet Cable
- Maximum performance with maximum transmission distance

The shield ensures problem-free transmission during EMC interferences. Murrelektronik connectors guarantee a lasting and interruption-free shielded connection!
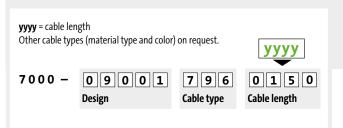
- Unique molded 360° shielding
- Firmly bonded connection of all elements via multiple soldered connections
- V2A shielding elements for highest media resistance

PRODUCT RANGE

We have a complete D-coded M8 product family. From overmolded, pre-assembled cordsets to receptacles and field wireables, we offer everything from a single source. Need something else? We also offer D-coded M12 and RJ45 connectors.

yyyy = cable length
Other cable types (material type and color) on request.

yyyy

7 0 0 0 –	0 9 0 0 1	7 9 6	0 1 5 0
	Design	**Cable type**	**Cable length**

M8, straight male | female	M12, straight male	RJ45, straight male	M8 Receptacle female straight | angled	M8 field-wireable, straight male | female

M8 connectors – open ended wires		
Description	Art.-No.	Cable lengths (yyyy)
M8 male straight D-coded	**7000-09001-796yyyy**	**1.5 m = 0150, 3 m = 0300, 5 m = 0500,**
M8 female straight D-coded	**7000-09041-796yyyy**	**7.5 m = 0750, 10 m = 1000**

M8 connectors – connection cables		
Description	Art.-No.	Cable lengths (yyyy)
M8 male straight D-coded / M8 male straight D-coded	**7000-86001-796yyyy**	**0.3 m = 0030, 0.6 m = 0060,**
M8 male straight D-coded / M8 female straight D-coded	**7000-86051-796yyyy**	**1.5 m = 0150, 3 m = 0300, 5 m = 0500,**
M8 male straight D-coded / RJ45 male straight	**7000-86101-796yyyy**	**7.5 m = 0750, 10 m = 1000**
M8 male straight D-coded / M12 male straight D-coded	**7000-86301-796yyyy**	
M8 female straight D-coded / M12 male straight D-coded	**7000-86381-796yyyy**	

M8 Receptacles	
Description	Art.-No.
M8 Receptacle female straight D-coded / THT circuit board assembly	**7000-R1214-12D2100**
M8 Receptacle female angled D-coded / THT circuit board assembly	**7000-R1224-12D2100**

Field-wireable	
Description	Art.-No.
M8 male straight D-coded screw terminal connection	**7000-09201-0000000**
M8 female straight D-coded screw terminal connection	**7000-09221-0000000**

Other variants on request.

The information contained herein has been compiled with the utmost care. Liability for the correctness, completeness and topicality of the information is restricted to gross negligence. Art.-No 9871388

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