

M12 male 0° D-cod. Push-Lock4-pol., 0,14 - 0,75mm², 4 - 8mm, shielded, CAT5

Ethernet CAT5

Male straight

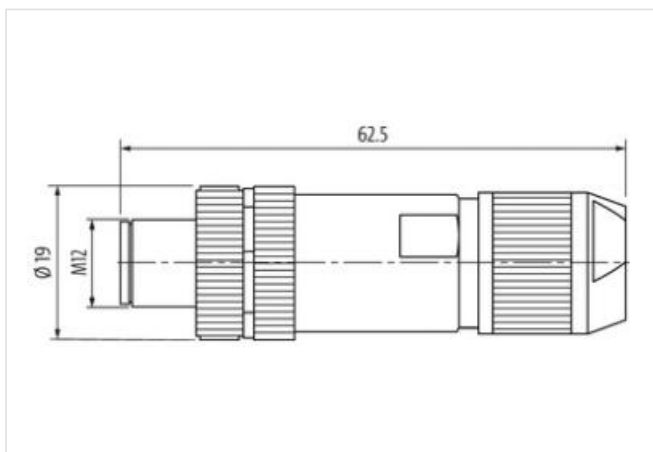
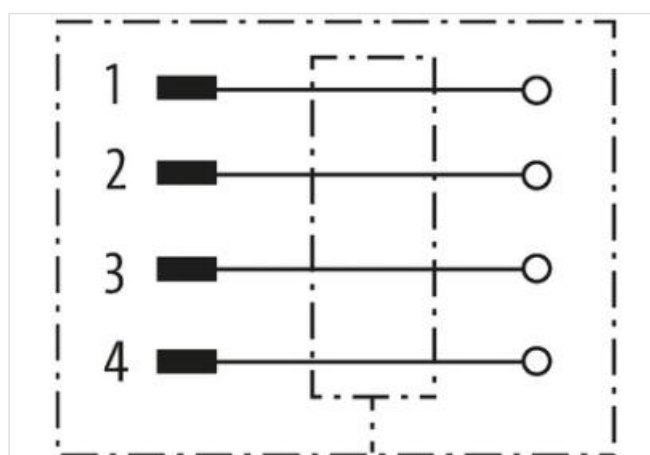
M12, 4-pole

D-coded

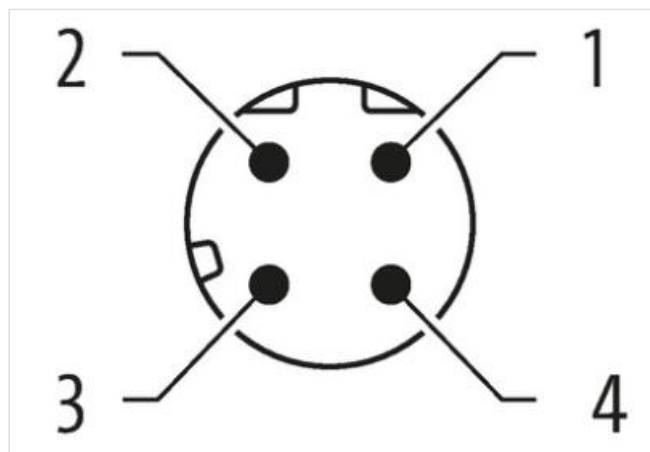
shielded

Push-Lock spring clamp connection

Sealing range (cable Ø): 4...8 mm

[Link a termékhez](#)**Ábrák**

Szimbolikus ábra

**Side 1**

Tightening torque 0,4 Nm

Family construction form M12

Coding D

Material contact	Bronze
No. of poles	4
Degree of protection (EN IEC 60529)	IP65, IP67
Commercial data	
ECLASS-6.0	27279221
ECLASS-7.0	27440104
ECLASS-8.0	27440104
ECLASS-9.0	27440102
ETIM-5.0	EC002635
customs tariff number	85366990
GTIN	4065909028957
Packaging unit	1
Electrical data Supply	
Operating voltage AC	48 V
Operating voltage DC	60 V
Operating voltage DC (UL-listed)	60 V
Current operating per contact (UL)	4 A
Current operating per contact max.	4 A
Industrial communication	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Diagnostics	
Status indication LED	no
Installation	
Cross section connection with wire end ferrule min.	0,08 mm ²
Cross section connection with wire end ferrule max.	0,5 mm ²
Cross section connection without wire end ferrule min.	0,14 mm ²
Cross section connection without wire end ferrule max.	0,75 mm ²
Cross section connection with wire end ferrule AWG min.	28 AWG
Cross section connection with wire end ferrule AWG max.	20 AWG
Cross section connection without wire end ferrule AWG min.	26 AWG
Cross section connection without wire end ferrule AWG max.	18 AWG
Installation Connection	
Connection information	Push-Lock spring clamp connection
Mating cycles min.	100
Device protection	
Shielded	yes
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Overvoltage category (EN 60950-1)	II
Mechanical data Material data	
Coating contact	gold plated
Coating locking	Nickeled
Combustibility class (UL94)	V-0

Material gasket	NBR
Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Clamping range min.	4 mm
Clamping range max.	8 mm
Environmental characteristics Climatic	
Operating temperature min.	-40 °C
Operating temperature max.	85 °C
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)