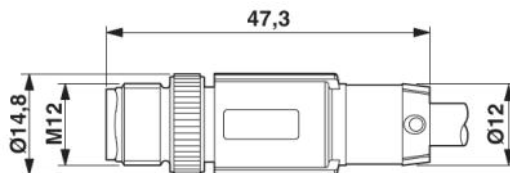


POSITAL

FRABA

CONNECTING CABLE

M12, MALE 4 PIN D-CODED, 1 M SHIELDED PU CABLE AND RJ45 END



All dimensions in mm

1.1 Technical Data

Connector Standard	M12 Connector (D-Coded)
Number of Contacts	4
Cable Type	2x2xAWG26/7 PIMF
Cable Material	PUR Shielded
Connector Housing Material	TPU sealed with NBR
Degree of Protection	IP67/IP20 (~NEMA6 / NEMA1)
Contact Material	Copper
Shielding	Tinned Copper Braided Shield
Rated Voltage	60V
Insulation Resistance	$\geq 5 \text{ G}\Omega \text{ km}$
Ambient Temperature (Operation)	-10°C to 50°C / 14°F to 122°F
Working Capacitance	42pF
Wave impedance	$100\Omega \pm 5 \%$ (At 100 MHz)
Signal Speed	0.72 c
Shield Attenuation	60 dB (up to 1000 MHz)
Coupling Resistance	5 m Ω /m (At 10 MHz)
Wire Gauge	0.16mm ² (AWG 26)
Smallest Bending Radius	>35mm / > 1.38 in
Special Properties	Flame Resistant / Halogen-Free / Resistance to Oil, Microbes and Hydrolysis

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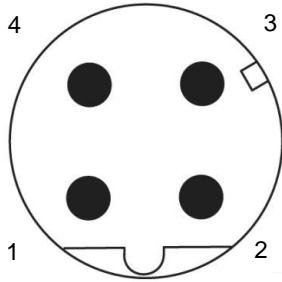
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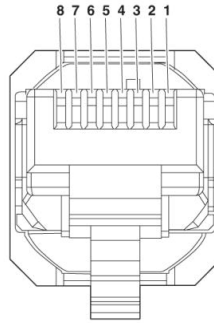
CONNECTING CABLE

M12, MALE 4 PIN D-CODED, 1 M SHIELDED PU CABLE AND RJ45 END

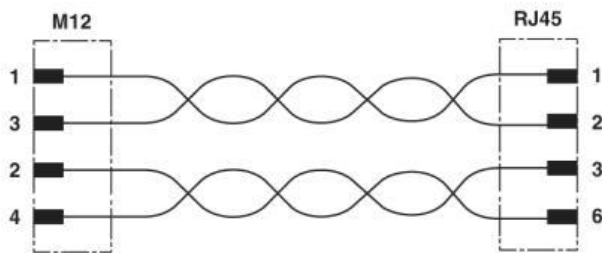
1.2 Pin Configuration



Connector Pinout – M12 (Front View)



Connector Pinout – RJ45 (Front View)



Connection Wiring

1.3 Suitable for Following Sensor Systems

OCD-EEXXX-XXXX-XXXX-PRM

1.4 Ordering Info

Part Number	Description ¹
10017228	CCBL - M12 , Male 4pin D-Coded + 1m Shielded PU Cable and RJ45 End
10017227	CCBL - M12 , Male 4pin D-Coded + 2m Shielded PU Cable and RJ45 End
34613206	CCBL - M12 , Male 4pin D-Coded + 5m Shielded PU Cable and RJ45 End

1) CTR – Connector Only / CCBL – Connector + Cable

Disclaimer

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