

Harnessed Profinet cable

suitable for cable tracks with M12 male connector assembly



Innovative solutions for Profinet cabling

For the field bus cabling of Profinet field bus systems in industrial sectors. This cable type is used for example in cable chain applications for automation and machine and

plant construction with rough environments. The PUR outer sheath is resistant against rough environmental conditions.

Cable construction:

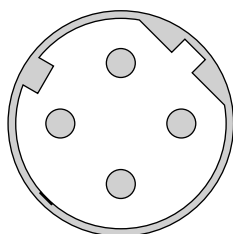
Conductor:	tinned copper strands
Core insulation:	special polymer
Screen:	alu foil and tinned copper braiding
Outer sheath:	PUR
Sheath colour:	green (RAL 6018)

Technical data:

Min. bending radius:	continuously flexible 15 x d
Temperature range	
flexible application:	-20°C/+70°C
fixed laying:	-30°C/+70°C
Special feature:	characteristic impedance 100Ω ± 10Ω CAT 5 with reference to EN 50173-1, oil resistant, suitable for cable tracks

Pin configuration:

pin1:	yellow
pin2:	white
pin3:	orange
pin4:	blue
housing:	screen



Plug types:

- ☐ M12 plug (male), 4-pole, D-coded
- ☐ M12 socket (female), 4-pole, D-coded
straight or tilted moulded or mounted