

## Overview PG-thread vs. Metric thread

The interim period for DIN 46320 „screwing for cables and conducting lines with PG-thread“ expired on 31.12.1999. Since then, screwing for cables and conducting lines had had to comply with the national standard 46319 before this was replaced by EN 50262 on 01.03.2001.

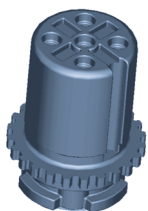
### Comparison PG-thread vs. Metric thread

Wrench width for cable screwing according to EN 50262

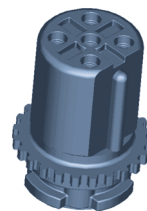
PG	Metric thread	max. Wrench width [mm]	max. Corner length [mm]
PG7	M 10x1.5   M 12x1.5	16	18
PG9   PG11	M 16x1.5	21	23
PG13.5	M 20x1.5	25	28

## A | B Coding of M 12x1 Connectors

To guarantee protection against polarity reversal, connectors are coded. This coding is realised by a peg or a notch on the contact carrier. Two coding types are distinguished



A-Coding  
Coupling has coding-notch  
Plug has coding-peg



B-Coding  
Coupling has coding-peg  
Plug has coding-notch

Note: B-coded couplings and plugs from ESCHA are marked by the letter W (see Type-code).

## Erklärung der Farbangaben der Leiter

WH   white	BN   brown	GN   green	YE   yellow	GY   grey
PK   pink	BU   blue	RD   red	BK   black	VT   violet
GY/PK   grey/pink	RD/BU   red/blue	WH/GN   white/green		
BN/GN   brown/green	WH/YE   white/yellow	YE/BN   yellow/brown		
WH/GY   white/grey	GY/BN   grey/brown	GN/YE   green/yellow		