


RElectronic



Blockeigenschaft [20]
Blockeigenschaft [21]
Blockeigenschaft [22]


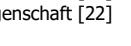



Abbildung exemplarisch


M12 04-PIN A-CODE MALE
SUPPLY VOLTAGE




M12 05-PIN B-CODE MALE
PROFIBUS-IN




M12 05-PIN B-CODE FEMALE
PROFIBUS-OUT




M12 05-PIN A-CODE FEMALE
INCREMENTAL





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Abbildung exemplarisch

M12 04-PIN A-CODE MALE
SUPPLY VOLTAGE

	US	N.C.	GND	N.C.
X1	1	2	3	4

M12 05-PIN B-CODE MALE
PROFIBUS-IN


	N.C.	Data A	N.C.	Data B	N.C.
X2	1	2	3	4	5

M12 05-PIN B-CODE FEMALE
PROFIBUS-OUT


	+5V Term.	Data A	GND Term.	Data B	N.C.
X3	1	2	3	4	5

M12 05-PIN A-CODE FEMALE
SINUS/COSINE

	SIN+	SIN-	COS+	COS-	GND
X4	1	2	3	4	5



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Abbildung exemplarisch


M12 04-PIN A-CODE MALE
SUPPLY VOLTAGE




M12 05-PIN B-CODE MALE
PROFIBUS-IN



M12 05-PIN B-CODE FEMALE
PROFIBUS-OUT





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



Abbildung exemplarisch

M12 04-PIN A-CODE MALE
 SUPPLY VOLTAGE

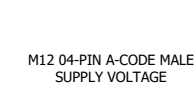





Diagram showing pin assignments for the M12 04-PIN A-CODE MALE connector. The pins are labeled as follows:

Pin	Label
1	US X1:1
2	N.C. X1:2
3	GND X1:3
4	N.C. X1:4




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M12 05-PIN B-CODE MALE
 PROFIBUS-DIN



The diagram shows a 5-pin connector with the following assignments:



Pin	Signal
1	N.C.
2	Data A
3	N.C.
4	Data B
5	N.C.

Additional labels: X2:1, X2:2, X2:3, X2:4, X2:5




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M12 05-PIN B-CODE FEMALE
 PROFIBUS-OUT



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M12 05-PIN A-CODE FEMALE
INCREMENTAL

B+
X4:1

B-
X4:2

A+
X4:3

A-
X4:4

GND
X4:5

X4

1

2


3

4

5

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PROFIBUS 

M12 05-PIN A-CODE FEMALE
SINUS/COSINE

SIN+
X4:1


SIN-
X4:2

COS+
X4:3

COS-
X4:4

GN0
X4:5


X4 1 2 3 4 5

			Projektname	TR_Makroprojekt	Projektnummer	SPM 0576-P	TR-electronic GmbH		Profibus (Allpolig)			=TR				
			Produktmakros Drehgeber Cxx582x-Baureihe		Zeichnungsnummer											
										+ +CDx75x	+ Profibus	Seite	2			
Änderung	Datum	Name	Ersteller	Geiger	Geprüft von				Datum	15.10.2024	Bearb.	Geiger	Blatt	35	von	90

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**PROFI[®]
BUS**


PROFIBUS


M12 04-PIN A-CODE MALE
SUPPLY VOLTAGE

X1 1-4

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M12 05-PIN B-CODE MALE
PROFIBUS-IN

X2 1-5


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BUS**



M12 05-PIN B-CODE FEMALE
PROFIBUS-OUT

X3  1-5

			Projektname TR_Makroprojekt	Projektnummer SPM 0576-P	TR-electronic GmbH 	Profibus (Einpolig)			=TR	
			Produktmakros Drehgeber Cxx582x-Baureihe	Zeichnungsnummer						
							+ +CDx75x	+ Profibus		Seite 3
Änderung	Datum	Name	Ersteller Geiger	Geprüft von		Datum 15.10.2024	Bearb. Geiger			Blatt 36 von 90