



Technical specification: <i>Technische Daten:</i>	Data-element: <i>Daten-Element:</i>	Power-element: <i>Leistungs-Element:</i>
No. of contacts/ <i>Anzahl Kontakte:</i>	4	2
Rated Voltage/ <i>Bemessungsspannung:</i>	24 V DC	60 V DC
Rated impulse voltage/ <i>Bemessungstoßspannung:</i>	1 kV	1,5 kV
Current rating/ <i>Strombelastbarkeit:</i>	3 A / 30°C	10 A / 30°C
Contact resistance/ <i>Kontaktwiderstand:</i> IEC 60512	<10 mOhm	
Insulation resistance/ <i>Isolationswiderstand:</i> IEC 60512	>100 MOhm	
Impedance/ <i>Impedanz:</i>	100 Ohm	
Transmission according to/ <i>Übertragung geprüft nach:</i>	IEC 11801 "Class D"	
Degree of protection/ <i>Schutzart:</i> IEC 60529	IP 67, in mated condition/ <i>im verschraubten Zustand</i>	
Pollution degree/ <i>Verschmutzungsgrad:</i> IEC 60664-1	3/2	
Temperatur range/ <i>Umgebungstemperatur:</i> static / <i>fest verlegt</i> flexible / <i>bewegt</i> flexible in energy chain / <i>bewegt in Schleppecke</i>	-40°C ... +80°C -30°C ... +80°C -20°C ... +60°C	
Numbers of cycles/ <i>Biegezyklen:</i> Mating cycles/ <i>Steckzyklen:</i> IEC 60512-9a	>= 5 Mio. >=100	
<b>Materials/ <i>Werkstoffe:</i></b>		
Contact/ <i>Kontakt:</i>	Cu alloy, Ni b / Au 0,2 gal./ <i>Kupferlegierung, Ni b / Au 0,2 gal.</i>	
Contact carrier/ <i>Kontaktträger:</i>	PA, UL 94 V-0	
Sealing/ <i>Dichtung:</i>	NBR	
Coupling nut/ <i>Überwurfmutter:</i>	GD-Zn, Ni	
Moulding body/ <i>Griffkörper:</i>	TPU, UL 94 HB, black / <i>schwarz</i>	

Contact assignment/ <i>Kontaktbelegung:</i>			
1	yellow / <i>gelb</i>	AWG22	TX+
2	white / <i>weiß</i>	AWG22	RX+
3	blue / <i>blau</i>	AWG22	RX-
4	orange / <i>orange</i>	AWG22	TX-
shielding / <i>Schirmung</i>			
5	red / <i>rot</i>	0,75mm <sup>2</sup>	5
6	blue / <i>blau</i>	0,75mm <sup>2</sup>	6



Part no./ <i>Art.-Nr.:</i>	Description/ <i>Bezeichnung:</i>	Length L/ <i>Länge L:</i>	Cable/ <i>Kabel:</i>	Type/ <i>Typ:</i>
56 - 07524	ENP - 12 - 1 - RKPbu2Dst4 - RKPst2Dbu4 - 2 / GAZ / 075 / 034 / A1012	2m		Contacts Site A/ <i>Kontakte Seite A:</i>
56 - 07525	ENP - 12 - 1 - RKPbu2Dst4 - RKPst2Dbu4 - 5 / GAZ / 075 / 034 / A1012	5m	PUR, (4xAWG22) +2x0,75mm <sup>2</sup>	Female/ <i>Buchse</i> (Power) Male/ <i>Stift</i> (Data)
56 - 07526	ENP - 12 - 1 - RKPbu2Dst4 - RKPst2Dbu4 - 10 / GAZ / 075 / 034 / A1012	10m	Cable / <i>Kabel:</i> 781-GAZ010H	Contacts Site B/ <i>Kontakte Seite B:</i>
56 - xxxxx	ENP - 12 - 1 - RKPbu2Dst4 - RKPst2Dbu4 - ... / GAZ / 075 / 034 / A1012	x		Male/ <i>Stift</i> (Power) Female/ <i>Buchse</i> (Data)

tolerance of cable/ <i>Kabeltoleranz:</i>	L ≤ 7m: L + 70mm L > 7m: L + 1%	dim. in mm	<b>Connecting cable B12, Coding 1</b> <b>Female axial - Female axial</b> <b>Verbindungsleitung B12, Codierung 1</b> <b>Kupplung axial - Kupplung axial</b>		
general tolerance/ <i>Allgemeintoleranz:</i>	0 ± 0,50mm 0,0 ± 0,25mm 0,00 ± 0,10mm x ± 5°				
Index: a Original	scale/ <i>Maßstab:</i> 1:1 (1,5:1)	Date/ <i>Datum:</i> 07.11.2016			Name: Becker
Status: InBearbeitung		appd./ <i>gepr.:</i> 07.11.2016			Schramm
RoHS & REACH compliant/ <i>konform</i>				dwg no / <i>Z.-nr.:</i> 56K1A3004	
				DIN-A3 1 / 1	

The reproduction, distribution and utilization of this document as well as the communication of its contents to third parties without express authorization is prohibited. Offenders will be held liable for the payment of damages. For further information on this subject, please contact your dealer or the manufacturer. © 2016 CONEC. All rights reserved.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[CONEC:](#)

[56-07524](#) [56-07526](#) [56-07525](#)