

1416340

https://www.phoenixcontact.com/us/products/1416340

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Device connector rear mounting, 8-position, Socket, M12-SPEEDCON, A-coding, on free cable end, Individual wires, cable length: 1.5 m, 0.25 mm^2 , potted, this item is expected to be lead-free from Q2 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

Item number	1416340
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB24
Product key	ABQCHB
GTIN	4055626071916
Weight per piece (including packing)	55.4 g
Weight per piece (excluding packing)	52.492 g
Customs tariff number	85444290
Country of origin	DE



1416340

https://www.phoenixcontact.com/us/products/1416340

Technical data

Notes

Order information:	Lock nut is included in the scope of delivery
Mounting	

Mc

Mounting type	Rear mounting (M16 x 1,5)

Product properties

Product type	Circular connectors (device side)
Application	Signal
Number of positions	8
No. of cable outlets	1
Coding	A
Thread type	M12

Material specifications

Material Molding compound	PUR (potted)
---------------------------	--------------

Connection data

Conductor connection

Connection method	Individual wires	
Contact connection type	Socket	
Conductor cross-section	0.25 mm²	

Connector

Connection 1

Head design	Socket
Head thread type	M12
Head locking type	SPEEDCON
Coding	A

Connection 2

Head design	free cable end
-------------	----------------

Cable/line

Cable length	1.5 m
Cable cross section	0.25 mm²
AWG signal line	24

Environmental and real-life conditions

Ambient conditions



1416340

https://www.phoenixcontact.com/us/products/1416340

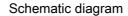
UL Type Rating Type 4 (indoor use only)

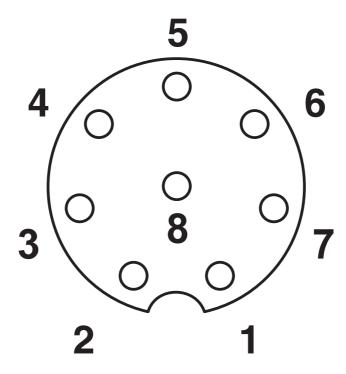


1416340

https://www.phoenixcontact.com/us/products/1416340

Drawings





Pin assignment M12 socket, 8-pos., A-coded, view female side



1416340

https://www.phoenixcontact.com/us/products/1416340

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1416340

UL Recognized Approval ID: E118976-20100522					
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine					
		30 V	2 A	24	-

c 711 vs	CULus Recognized Approval ID: E221474-20140616				
	Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²	
keine					
	30 V	2 A	24 - 22	-	



1416340

https://www.phoenixcontact.com/us/products/1416340

Classifications

ECLASS

	ECLASS-13.0	27440103	
	ECLASS-15.0	27440103	
ETIM			
	ETIM 9.0	EC003570	
UNSPSC			
	UNSPSC 21.0	39121400	



1416340

https://www.phoenixcontact.com/us/products/1416340

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: n/a)
SCIP	73f13128-0e6a-4b07-8b77-96fab4a0aa36

Phoenix Contact 2025 @ - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com