

Valve connectors - SAC-5P-MR/AD-2L SCO - 1458606


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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Valve connectors, 5-position, Plug angled M12 SPEEDCON, A-coded, on Valve connector AD (pressure switch), with 2 LEDs



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 639057
GTIN	4046356639057

Technical data

Dimensions

Central screw valve connector	M3 x 29
-------------------------------	---------

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (valve plug)
Degree of protection	IP65
	IP67

General

Rated current at 40°C	4 A
Rated voltage	24 V AC
	24 V DC
Number of positions	5
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
	Valve connector EN 175301-803
Status display	2 LEDs
Overvoltage category	II
Degree of pollution	3

Valve connectors - SAC-5P-MR/AD-2L SCO - 1458606

Technical data

General

Connection method	M12 connector
Insertion/withdrawal cycles	50 (Valve connector)
	≥ 100 (M12 connector)
Torque	0.6 Nm (Valve connector)

Material

Flammability rating according to UL 94	HB
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA66
Valve plug contact material	CuSn
Valve plug contact surface material	Sn
Valve plug contact insert material	PA 6.6
Material housing valve plug	TPU
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	TPU (Seal molded)

Standards and Regulations

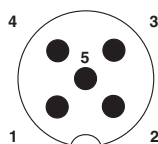
Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Standard designation	Valve connector
Standards/regulations	EN 175301-803
Flammability rating according to UL 94	HB

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

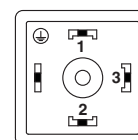
Drawings

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

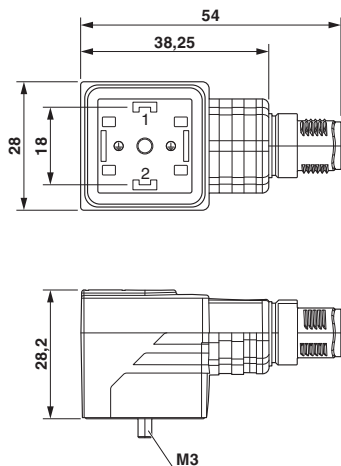
Schematic diagram



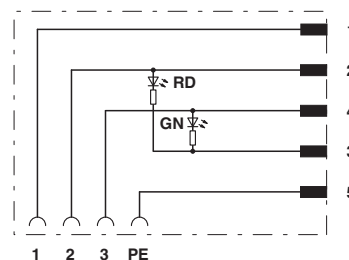
Valve plug connector pin assignment, type AD

Valve connectors - SAC-5P-MR/AD-2L SCO - 1458606

Dimensional drawing



Circuit diagram



Contact assignment of M12 plug and valve connector

Approvals

Approvals

Approvals

CSAus / EAC / DNV GL

Ex Approvals

Approval details

CSAus		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN	24 V		
Nominal current IN	4 A		

EAC		RU C- DE.AI30.B.01102
-----	--	--------------------------

DNV GL	http://exchange.dnv.com/tari/	TAE00002K4
--------	---	------------

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>