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





Key commercial data

Packing unit	11
Weight per Piece (excluding packing)	60.0 GRM
Custom tariff number 85366990	
Country of origin	Germany

Technical data

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/DC
Number of positions	5
Contact resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	\geq 100 M Ω
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	2 LEDs
Surge voltage category	II
Pollution degree	3
Connection method	M12 connector



Technical data

General

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

Material

Inflammability class according to UL 94	НВ
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 66
Material housing valve plug	TPU
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	TPU (Seal molded)

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27449001

ETIM

ETIM 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501



Approvals	
Approvals	
Approvals	
GL	
Ex Approvals	
Approvals submitted	
Approval details	
GL	
Accessories	
Accessories	
Screwdriver tools	
Screw insert - SF-BIT-PH	1-70 - 1212582
	Screw bit, PH crosshead, E6.3-1/4" drive, size: PH 1 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173
Torque tool	
Torque screwdriver - TSD-	M 1,2NM - 1212224
	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

Drawings



Schematic diagram



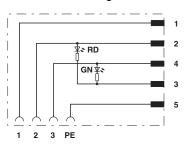
Schematic diagram



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

Valve plug connector pin assignment, type AD

Circuit diagram



Contact assignment of M12 plug and valve connector

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