

# PDCC-E-138MS-3P-NPT12-U80/ 1,0 - Flush-type connector



1423150

<https://www.phoenixcontact.com/us/products/1423150>

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Flush-type connector, 3-position, Plug, straight, 1-3/8" - 16UN, Standard-coding, Individual wires, cable length: 1 m, PVC litz wire

## Commercial data

Item number	1423150
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF37
Product key	AF2IDA
GTIN	4067923053687
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Country of origin	MX

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## Technical data

### Product properties

Product type	Circular connectors (device side)
Number of positions	3
No. of cable outlets	1
Shielded	no

### Material specifications

Flammability rating according to UL 94	V-0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	Thermoplastic
Material for screw connection	Anodized aluminum

### Electrical properties

Insulation resistance	5000 MΩ
Nominal voltage $U_N$	600 V AC (UL rating) 50 V AC (IEC rating)
Nominal current $I_N$	30 A (UL 2237)

### Connection data

Conductor connection	
Connection method	Individual wires

### Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	500

### Connector

Connection 1	
Head design	Plug
Head cable outlet	straight
Head thread type	1-3/8" - 16UN
Coding	Standard

### Cable/line

Cable length	1 m
Cable type	PVC litz wire
Single wire, color	black 1, green 2, white 3
AWG signal line	10
Material wire insulation	PVC

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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation) (male connector/female connector)	-40 °C ... 90 °C (Plug / socket)

## Standards and regulations

Standards/specifications	UL 2237
Standard designation	Vibration
Standards/specifications	MIL-STD-202 method 204
Standard designation	Thermal shock
Standards/specifications	MIL-STD-202 method 207
Standard designation	48 hour salt spray
Standards/specifications	MIL-STD-202 method 101

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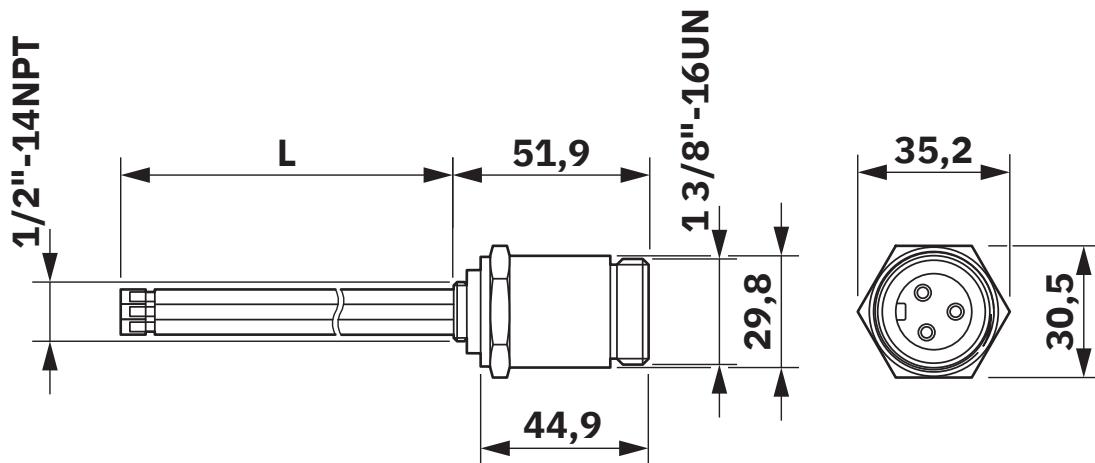


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## Drawings

Dimensional drawing



1-3/8" flush-type plug

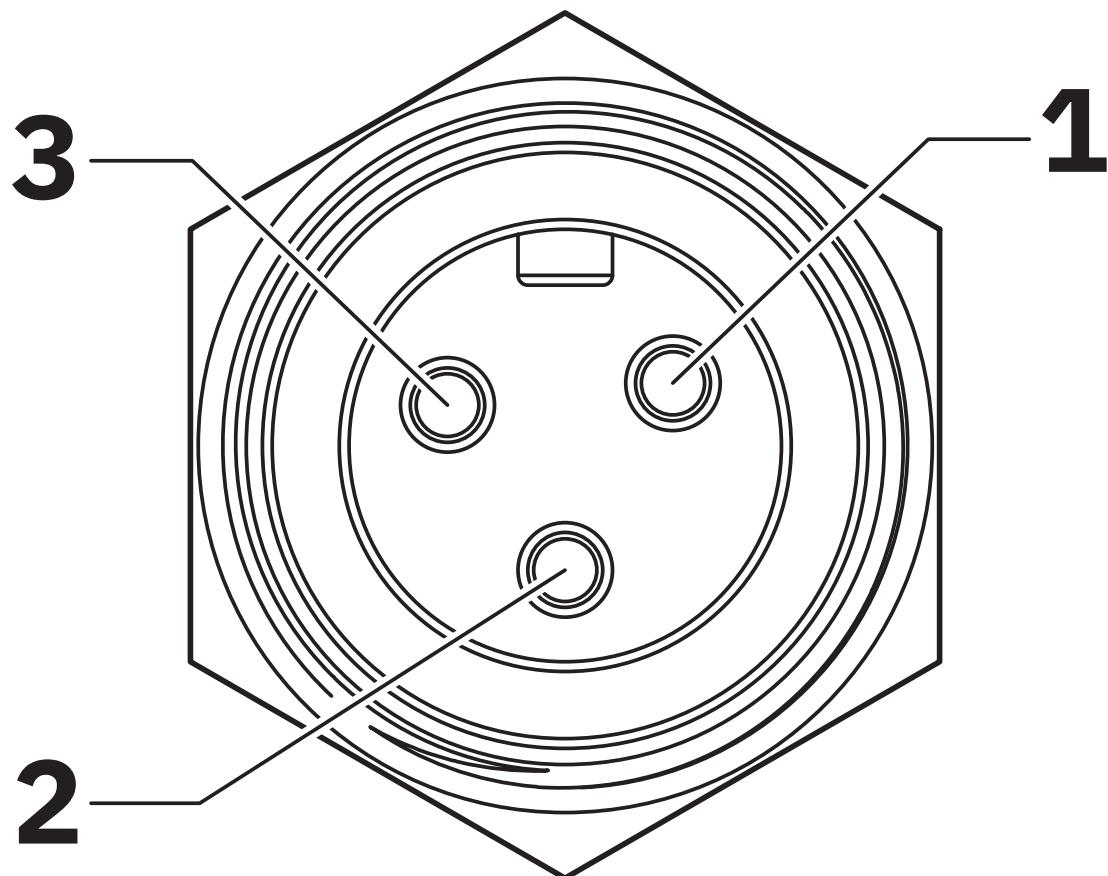
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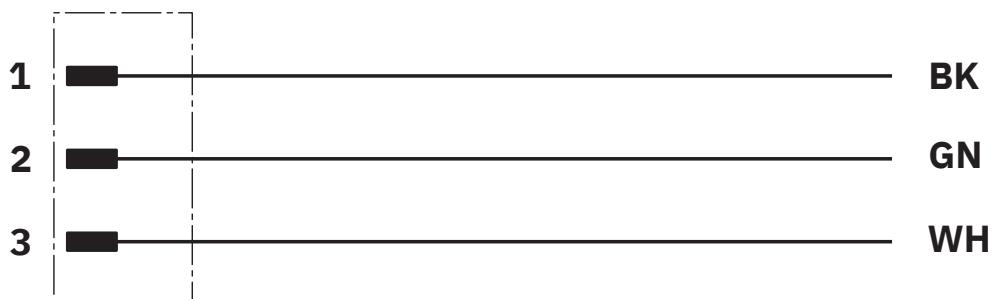
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Schematic diagram



Pin assignment, plug, 1-3/8"-16UN, 3-pos., view of male side

Circuit diagram



Contact assignment of the 1-3/8" plug

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## Classifications

### ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

### ETIM

ETIM 9.0	EC003569
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Not applicable, Not qualified for the European market
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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