



## Adapter

AD.M50.NPT2.BN.C.18.K01

- Adapter male thread metric to female thread NPT
- Brass nickel-plated
- Thread M50
- Thread NPT 2"
- Seal chloroprene
- Ex db, Ex eb and Ex tb certified
- Suitable for operation in Zone 1, Zone 2, Zone 21 and Zone 22
- Packaging unit: 1 piece, kit with accessories



## Dimensions



**Dimensions**



Details see data table

Legend	
1	Washer gasket (accessory, metric threads only)
2	O-Ring (metric threads only)
3	Adapter
DI	Diameter internal hole
D2	Width across corners
H	Length outside enclosure
L	Total length
SW*	Width across flats
TD	Thread size
TF	Thread size female
TL	Thread length
TLF	Thread length female

**Technical Data**

Mechanical specifications	
Thread type	metric ISO pitch 1.5 mm
Thread size (TD)	M50
Thread type female	NPT ANSI ASME B1.20.1
Thread size female (TF)	NPT 2"
Degree of protection	IP66 / IP68
Material	
Finish	inherent color silver
Washer gasket	aramid fibers bonded with NBR
Adapter	brass, nickel-plated
O-Ring	chloroprene
Mass	
Individual component	approx. 238 g
Packing unit	approx. 309 g
Dimensions	
Width across corners (D2)	72 mm
Diameter internal hole (DI)	44 mm
Length outside enclosure (H)	22.5 mm
Width across flats (SW1)	65 mm

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## Technical Data

Thread length (TL)	18 mm
Thread length female (TLF)	18 mm
Total length (L)	40.5 mm
Tightening torque	
Nut torque at enclosure (SW1)	10 Nm
<b>Ambient conditions</b>	
Ambient temperature	-40 ... 100 °C (-40 ... 212 °F) washer gasket -40 ... 80 °C (-40 ... 176 °F)
<b>Data for application in connection with hazardous areas</b>	
EU-type examination certificate	CESI 15 ATEX 029X
Marking	⊕ II 2 GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db
<b>International approvals</b>	
IECEx approval	IECEx CES 15.0006X
UKCA approval	CML 22 UKEX 1267X
CCoE approval	PESO A/P/HQ/KA/104/5579 (P420366)
CCC approval	2021312313000345
<b>Conformity</b>	
Degree of protection	EN 60529
<b>General information</b>	
Delivery quantity	1
Scope of delivery	Adapter locknut washer gasket Brief instructions
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> .