

POTENCIÔMETRO MULTIVOLTAS EX



Tipo de Proteção: Montagem em invólucros Ex "d" ou Ex "tb", com furações M22 x 1,5.

Marcação: Ex d IIC Gb / Ex tb IIIC Db

Área de Aplicação: Zonas 1, 2, 21 e 22.

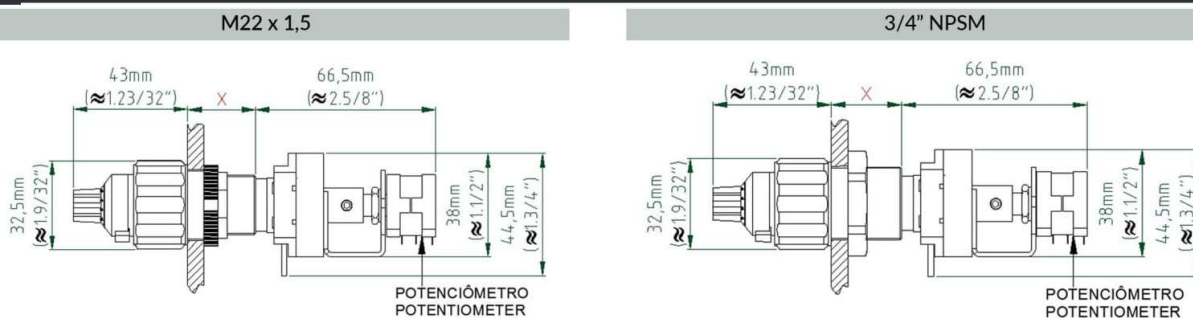
Grau de Proteção: IP-66.

Temperatura de trabalho: -50°C a 60°C.

TECHNICAL SPECIFICATION

TYPE OF PROTECTION	Ex "d" - Flameproof Ex "tb" - Dust ignition protection	Explosion proof Dust ignition proof	Ex "d" - Flameproof Ex "tb" - Dust ignition protection
MARKING	Ex d IIC Gb Ex tb IIIC Db	Class I, Groups B, C, D Class II, Groups E, F, G Class III	II 2 G Ex db IIC / IIB +H ₂ Gb II 2 D Ex tb IIIC Db
AREA OF APPLICATION	Zone 1 Zone 2 Zone 21 Zone 22	Class I, Div 1 & 2, Groups B, C, D. Class II, Div 1 & 2, Groups E, F, G. Class III	Zone 1 Zone 2 Zone 21 Zone 22
INGRESS PROTECTION	IP66W (W: salt spray)	Type 4X	IP66W (W: salt spray)
TEMPERATURE RANGE	-50°C to 60°C (-40°F to 158°F)	-50°C to 60°C (-40°F to 158°F)	-50°C to 60°C (-40°F to 158°F)
THREAD SIZE	M22 x 1,5 3/4" NPSM	M22 x 1,5 3/4" NPSM	M22 x 1,5 3/4" NPSM
THREAD LENGTH	25mm (Normal) 40mm (Long) 57mm (Extra Long)	25mm (Normal) 40mm (Long) 57mm (Extra Long)	25mm (Normal) 40mm (Long) 57mm (Extra Long)
INSTALLATION	for M22x1.5 THREAD in Ex "d" enclosures: (min. wall thickness: 8 mm engaged thread) in Ex "tb" enclosures: (min. wall thickness: 3 mm engaged thread) for 3/4"NPSM THREAD in Ex "d" enclosures: (min. 5 fully engaged threads) in Ex "tb" enclosures: (min. wall thickness: 3.7 mm engaged thread)	for M22x1.5 THREAD in Ex "d" enclosures: (min. 6 fully engaged threads) in Ex "tb" enclosures: (min. 3 fully engaged threads) for 3/4"NPSM THREAD in Ex "d" enclosures: (min. 7 fully engaged threads) in Ex "tb" enclosures: (min. 3 fully engaged threads)	for M22x1.5 THREAD in Ex "d" enclosures: (min. wall thickness: 8 mm engaged thread) in Ex "tb" enclosures: (min. wall thickness: 3 mm engaged thread) for 3/4"NPSM THREAD in Ex "d" enclosures: (min. 5 fully engaged threads) in Ex "tb" enclosures: (min. wall thickness: 3.7 mm engaged thread)
CERTIFICATE OF COMPLIANCE	 INMETRO CEPEL 97.0007U	 CSA I UL CSA: 2719982 UL: E489210	 ATEX I IECEx Sira 16ATEX1176U IECEx CSA 16.0032U

DIMENSIONS



X	
(mm)	(inch)
25mm	≈ 1"
40mm	≈ 1.19/32"
57mm	≈ 2.1/4"

 **ORDERING CODE**

EX**X**GBPMV **A** + **B**

X **THREAD SIZE**

X	SIZE	M22x1.5	3/4"NPSM
	CODE	22	26

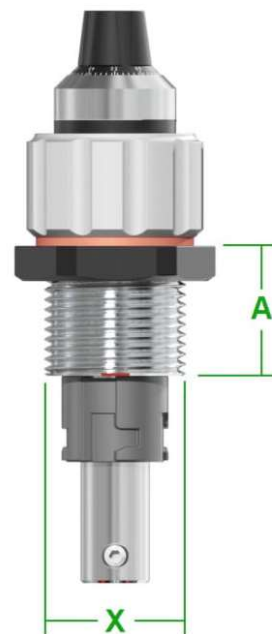
A **THREAD LENGTH**

A	LENGTH	25mm	40mm	57mm
	CODE	N	L	X

B **RESISTANCE (Ω)**

RESISTANCE	100Ω	200Ω	500Ω	1kΩ	2KΩ
CODE	100R	200R	500R	1K	2K

RESISTANCE	5KΩ	10KΩ	20KΩ	50KΩ	100KΩ
CODE	5K	10K	20K	50K	100K



CODIFICATION EXAMPLES


 +

3/4NPSM LENGTH 25mm

 +

RESISTANCE 20kΩ

 =

EX26GBPMVN20K


EX26GBPMV

 +

N

 +

20K


 +

M22x1,5 LENGTH 25mm

 +

RESISTANCE 50kΩ

 =

EX22GBPMVN50K

EX22GBPMV

 +

N

 +

50K
