

USER MANUAL

JATRONIC microphone AB40 with gooseneck, approved in accordance with

EN 60079-0:2012/A11:2013 and EN 60079-11:2012.

IEC 60079-0:2011, IEC 60079-11:2011

Certificate no. NEMKO 03ATEX162X. IECEx NEM 13.0013X

Safety data for models:

AB40 Microphone

Ex ib IIB T4 Gb, Ta: -20°C to +40°C

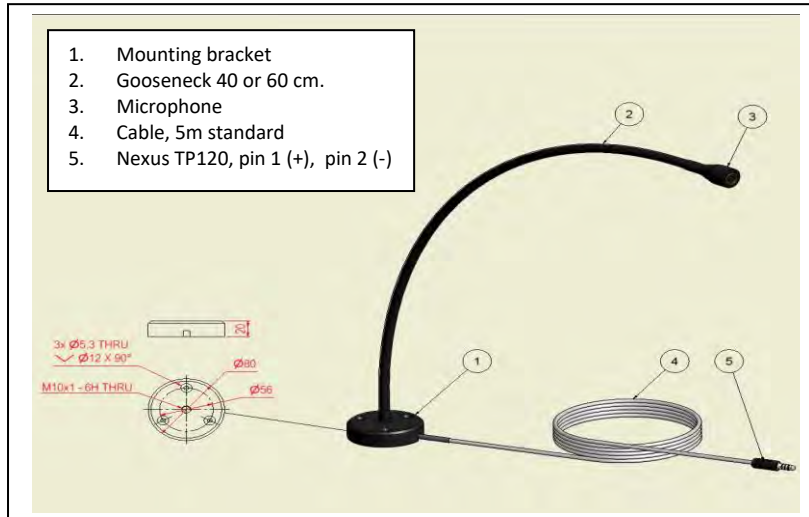
Ui:10V,Pi:1,3W, Ci: negligible,

Li:80μH, Li/Ri: 0,42μH/Ω



II 2G

CE0470



1. Mounting bracket
2. Gooseneck 40 or 60 cm.
3. Microphone
4. Cable, 5m standard
5. Nexus TP120, pin 1 (+), pin 2 (-)

Connect the Jatron AB40 adapter to an ATEX approved radio through the nexus connector (5). (Read the user manual for safe connection).

Do not use the AB40 microphone if it is damaged or not working properly. Use only ATEX approved workshop for repair. ATEX approval does not apply if any changes are made

Special condition for safe use applying to AB40 versions without Nexus TP120 connector:

The free end of the connected cable must be installed such that the terminations are afforded a degree of protection of at least IP20.

The clearance between the intrinsically safe circuit and a non-intrinsically safe circuit shall be at least 50mm.

The clearance shall be at least 6mm between separate intrinsically safe circuits

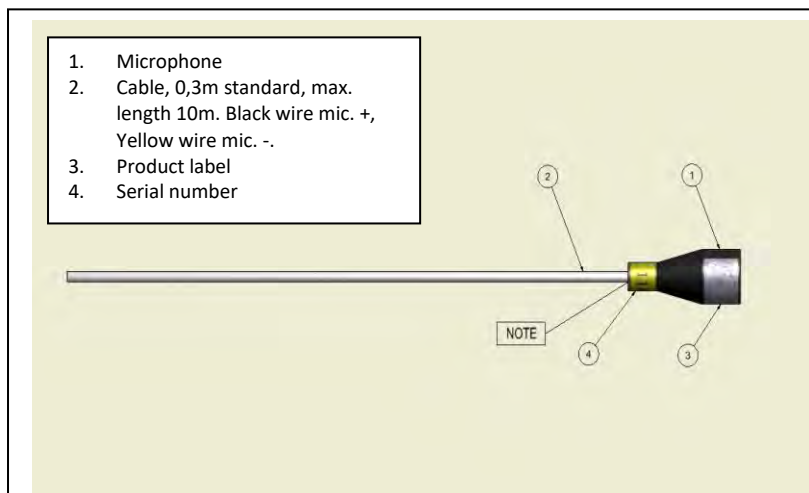
The clearance shall be at least 3mm from earthed parts.

Installation and use according to clause 6.2.1 of IEC/EN 60079-11

NOTE:

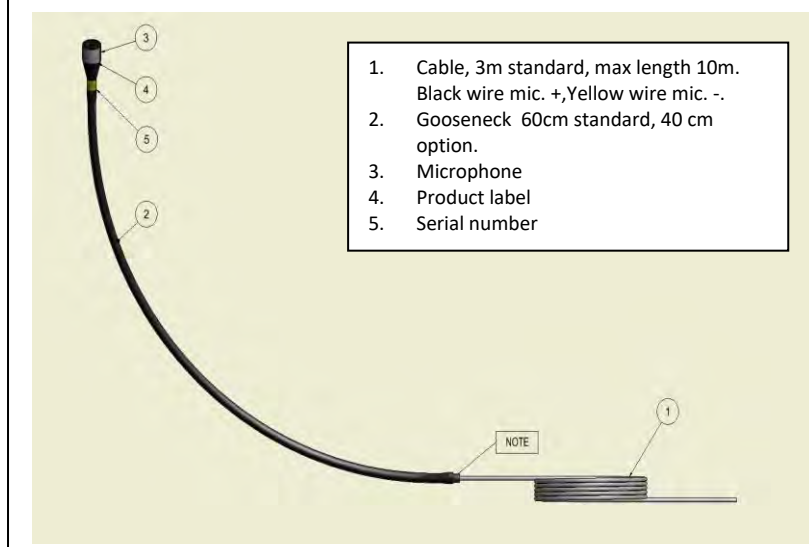
The AB40 without gooseneck is mounted using the threaded hole, M10x1. Use a threaded nipple and Loctite 638 threadlocker.

The AB40 with gooseneck is mounted in a threaded hole, M10x1. Use Loctite threadlocker, spring washer and nut



1. Microphone
2. Cable, 0,3m standard, max. length 10m. Black wire mic. +, Yellow wire mic. -.
3. Product label
4. Serial number

NOTE



1. Cable, 3m standard, max length 10m. Black wire mic. +, Yellow wire mic. -.
2. Gooseneck 60cm standard, 40 cm option.
3. Microphone
4. Product label
5. Serial number

NOTE