



Datasheet

Crane and Driller Cabin Communication Kit

The AB40-II Crane and Driller cabin communication kit consist of a gooseneck microphone and a foot pedal PTT, and enables the crane operator or driller to use radio communication in Ex zones. The kit is certified according to ATEX and IECEx standards, CENELEC EN 60079-0 and CENELEC EN 60079-11.

Kit Description (Fig.1)

AB40 Microphone, Foot pedal with radio connector

Safety data for models:

Ex ib IIB T4 Gb, Ta: -20°C to +40°C

AB40 Microphone Series (Fig.2)

Ui: 10V, Pi:1,3W, Ci: negligible, Li:80µH, Li/Ri: 0,42µH/Ω

AB40-II Foot pedal and radio interface series

Motorola:

GP340/GP900, Ui=Uo: 9V, Pi=Po: 1,3W, Ci: 433nF, Li: 0

MTP850Ex, Ui=Uo: 9V, Pi=Po: 1,3W, Ci: 90nF, Li: 0

Sepura:

STP8X, Uo: 6,51V, Io: 169mA, Po: 274mW, Co: 300nF, Lo: 1,2mH

The AB40 Microphone Series is known for excellent sound and robust design. The noise cancelling microphone element together with exceptional signal processing secures safe communication in demanding environments.

Specifications		
	AB40 mic.	AB40-II footpedal
Type / no.	Gooseneck w/foot and TP120 jack / 85016 Gooseneck w/pigtail / 80340 Without Gooseneck / 80339 Gooseneck w/XLR / 80349	GP340 / 85040 GP900 / 85018 MTP850Ex / 85045 STP8X / 85056
Operating temp.	-20/+40°C	
Humidity	85% non condensating	
IP grade	IP54	IP67
Weight	0,6Kg	1,0Kg
Gooseneck length	40 or 60cm	-
Cable length	*5m standard (85016,80340)	5m
Special versions	On request (non ATEX)	

*Other lengths on request. Max 10m



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AB40-II Crane and driller kit datasheet rev.2



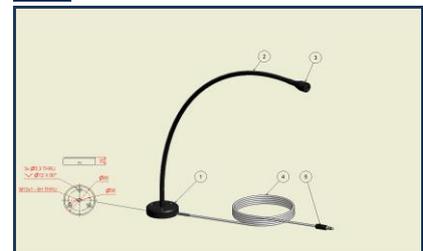
AB40-II Crane and Driller Cabin Com. Kit



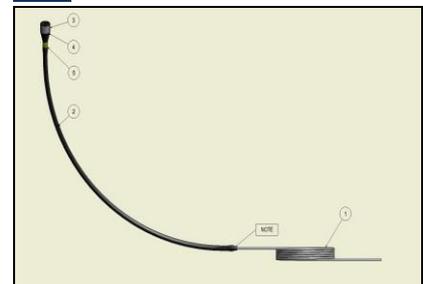
Fig.1

Gooseneck Ex Microphone Series

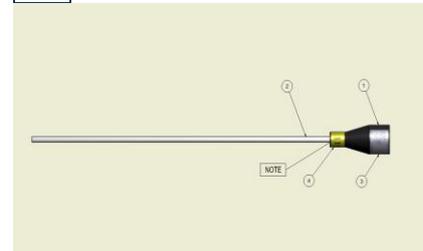
85016



80340



80339



80349

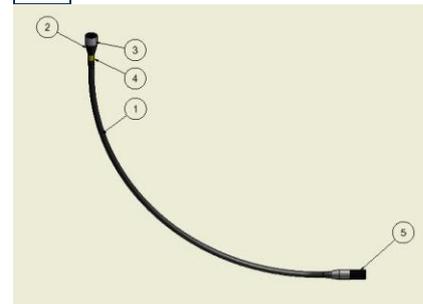


Fig.2