

SPEECH AND SIGNALLING SYSTEM TYPE HA-SP 1



Photo: Speech station HA-S1/01 (Part No.: HA-400101)

Features

- Intrinsically-safe speech and signalling system for use in working areas at risk from fire damp and severe mechanical stresses
- Loud and clear propagation of signals and speech
- Optical and acoustic display of cable errors, quick location of errors by test buttons on each unit
- Can be inductively-coupled to other intrinsically-safe or non-intrinsically-safe units
- Exceptionally low weight and the smallest possible dimensions, simple installation requirements
- Special models for special signal frequencies, also available for special acoustic conditions or extreme cable lengths

Technical Data:

- | | |
|----------------------------------|---------------|
| • Designed voltage | 20 V |
| • Designed voltage min. | 11 V |
| • Signal frequency (default) | 2460 Hz |
| • Audio frequency range | 0.3 - 3.7 kHz |
| • Sound level (1000 mm distance) | |
| - Signal tone | 105 dbA |
| - Speech | 95 dbA |
| • Current consumption | |
| -HA-S | 20 mA |
| -HA-K 1 / HA-Z 1 / HA-L 2 | 11 mA |
| -HA-L 1 | 5 mA |
| • Type of battery used | HA-BAT 2 |

Further details on the modules on request

Types of protection

Type of protection: (Sch) d,e,i,s

Certification

BVS No. GÄ 22/88
KDB No. 93.309 S