Replacement Instruction for Pressure Switches in Smoke Detection System SDS

Please refer to the pictures below to be sure about the type of pressure switch used in your SDS-System.

Art. No.	Name	Type	Remark
E01.001	Pressure Switch	604 (Huba)	installed in earlier SDS-Systems
E01.003	Pressure Switch	605 (Huba)	installed in later SDS-Systems
BG02.090	Plug with cable		for replacement of E01.001 with E01.003

1   Replacement Instruction for Smoke Detection System SDS-2/6

(replacement of pressure switch art. no. E01.001 with E01.003)

1. Open smoke detection panel and switch off smoke detection system
    (remove transformer fuse F1 on power supply module)
2. Remove cover of old pressure switch
3. Disconnect cable and remove it from old pressure switch
4. Remove cover of detector box
5. Remove old pressure switch (loosen retaining screws and disconnect air tube)
6. Take the new pressure switch and connect the air tube. The air tube must fit to the air intake nozzle. After that fix the pressure switch on the cover.
7. Disconnect the cable from resistor module, turn the „old" cable by 180° and connect the side with parallel cable tails to the plug of the new pressure switch (brown on 3, blue on 1).
8. Put the cap onto the plug (refer to the picture below for the right position of the cable exit) and connect the plug to the pressure switch (contacts 1 and 3 have to connect to the same terminals of the switch). Do not overtighten the locking screw.
9. Connect the other side of the cable to the resistor module
10. Switch on and close smoke detection panel

2   Replacement Instruction for Smoke Detection System SDS-48

(replacement of pressure switch art. no. E01.001 with E01.003)

1. Open smoke detection panel and switch off the smoke detection system
    (remove transformer fuse F1 on power supply module)
2. Disconnect cable from Detector Connection Module
3. Remove cover of detector box
4. Remove pressure switch (loosen retaining screws and disconnect air tube)
5. Install new pressure switch in reverse sequence
6. Connect cable at the detector connection module according to the signs on the Detector Connection Module (bl = blue, bn = brown)
7. Switch on and close smoke detection panel

E01.001   E01.003