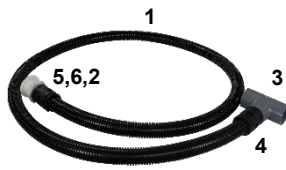


Short description	SP M20 ABS-Set	
Art.-No.	11-2300144-01-01	
Long description UB	Sampling point set M20 ABS	
Description	Ceiling duct for air sampling from a room with a hollow ceiling. For installation in 25mm ABS aspirating pipe systems of aspirating smoke detectors.	
Components	1 = Flexible tube (corrugated poly tubing) black 2 = Quick-release coupling PA M20x1,5 3 = ABS T-piece 25mm 4 = ABS threaded ring M20x1,5 5 = ABS ceiling lead-through nature, outside M25x1,5 / L=22mm, inside M20x1,5 / L=20mm 6 = 1 Counter nut PA	
Operating temperature	-30°C to +60°C	
Dimensions	Corrugated pipe length 1.5m	
Weight	185g	
Notes	-	
Reference / Manufacturer	-	

Assembly / Installation

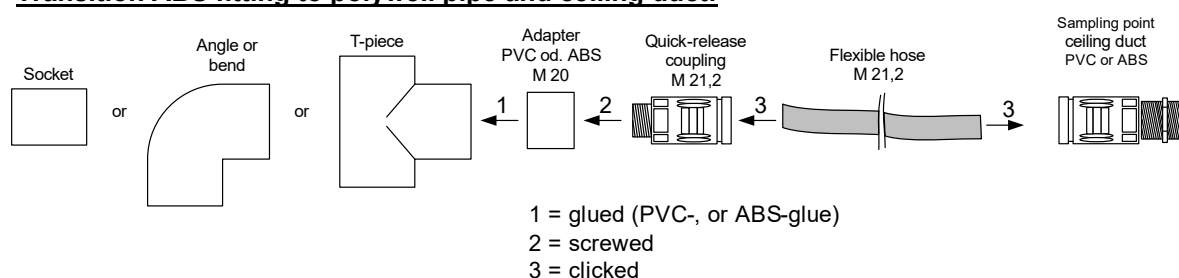
The ceiling lead-through set is installed in the aspirating line.

The transition from rigid to flexible intake line can be made using various fittings. The parts shown in the following illustration are used for this purpose.

In the case of a rigid suction line made of **PVC material**, a **PVC threaded ring** with an M20 female thread is glued into the outlet of the fitting. The quick-release connector for the flexible polywell hose is then screwed into the threaded ring. If the rigid intake line is made of **halogen-free ABS material**, the procedure is identical to that for PVC material. However, an **ABS threaded ring** is used for the transition (threaded ring with an M20 internal thread).

The Polywell hose can be easily clicked into the quick-release connector, or - for maintenance and servicing work on the object - clicked out. The respective suction opening is drilled directly into the ceiling duct.

Transition ABS fitting to polywell pipe and ceiling duct:



Article number

Description	Short description	Art.-No.
Socket grey 10pcs, SO 25 ABS	SO 25 ABS	11-2300087-01-01
Socket grey VE10, SO 25 PVC	SO 25 PVC	11-2300088-01-01
Angle 90° 25 grey 10pcs, AN 25-90 ABS	AN 25-90 ABS	11-2300061-01-01
Angle 90° 25 PVC grey 10pc, AN 25-90 PVC	AN 25-90 PVC	11-2300062-01-01
Bend 90° grey 10pcs, BE 25 ABS	BE 25 ABS	11-2300063-01-01
Bend 90° grey 5pcs, BE 25 PVC	BE 25 PVC	11-2300064-01-01
T-piece grey 10pcs, TP 25 ABS	TP 25 ABS	11-2300093-01-01
T-piece grey 10pcs, TP 25 PVC	TP 25 PVC	11-2300089-01-01
Sampling point ceiling duct ABS	SP M20 ABS	11-2300143-01-01
Sampling point ceiling duct PVC	SP M20 PVC	11-2300145-01-01
Adapter M20 ABS	AD 20 ABS	11-2300058-01-01
Adapter M20 PVC	AD 20 PVC	11-2300059-01-01
Flex tube 21,2mm PA black 50m, FT 21 PA	FT 21 PA	11-2300074-01-01
Quick-rel coup M20/21,2 VE10, SC 20ST PA	SC 20ST PA	11-2300085-01-01
Quickrel coup M20/21,2 10pcs, SC 20BE PA	SC 20BE PA	11-2300084-01-01



Note 1

The interfaces on the polywell pipe must be made absolutely "clean" so that the sealing ring in the quick re-release fastener connection piece is not damaged.

When clicking in the polywell pipe, it should be ensured that the flexible pipe and the quick release fastener connection piece are pressed well against each other to prevent the infiltrated air being aspirated at these junctions.

When commissioning the aspirating smoke detector, in principle the response characteristic should be examined considering the European Product Standard EN 54-20 or in accordance with the suction pipe calculation software "ASD PipeFlow"!

The polywell pipe length must be a max. 150cm in compliance with EN 54-20. If this is exceeded, the valid system limits must be reduced!



Note 2

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