

Universal accessories NEAU, for electrical connection technology

FESTO



Product range overview

Function	→ Page/Internet		
Covering	For sealing unused connections/openings		
	For CPX terminal	Sub-D	3
		RJ45	3
	For AS-Interface		3
	For electrical connections	M8	3
		M12	3
Mounting	For distributors NEDY		
	For mounting distributors type NEDY, pneumatic tubing and electrical cables on Festo cylinders with integrated T-slot for sensors		5
Cable seal	Cable diameter 6.5 ... 9.5 mm		
	For NECU	Reducing the possible cable diameter from 9 ...13 mm to 6.5 ...9.5 mm	7
Inscription label holder	For identifying connecting cables		
	For cable diameter	1.7 ... 3 mm	8
		2.5 ... 3.5 mm	8
		3.3 ... 4.8 mm	8
		4.2 ... 5.6 mm	8
Safety clip	For ATEX area		
	For push-in connectors with knurled nut	For protecting electrical connecting cables/push-in connectors from getting easily disconnected.	M8
			M12

Datasheet – Covers

Inspection cover AK-SUB

Cover AK-RJ45

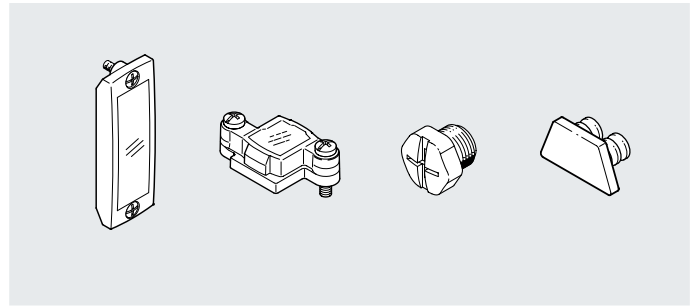
Cover cap ISK

Cable cap ASI-KK-FK

Covers are inserted/screwed into or placed/screwed onto unused connections/openings in order to seal them.

They ensure:

- The function of the respective module
- Realisation of a protection class
- Hazard prevention (e.g. by covering live parts)



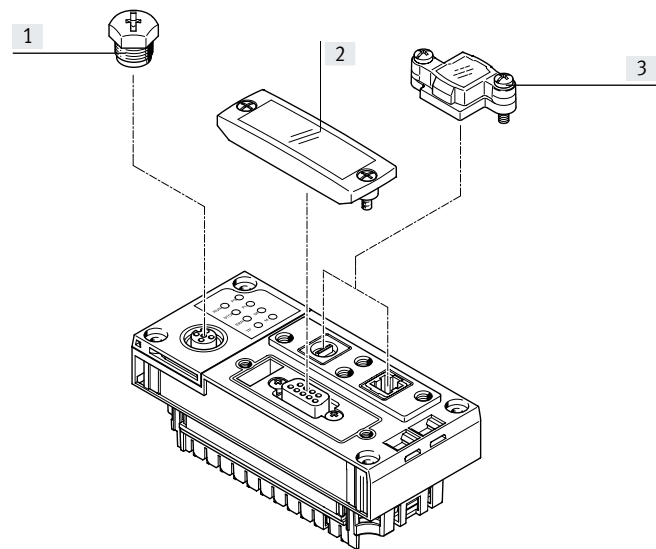
General technical data					
Type	AK-SUB-9/15-B	AK-RJ45	ISK-M8	ISK-M12	ASI-KK-FK
Mounting position	–	–	–	–	Any
Width [mm]	–	33	–	–	–
Height [mm]	–	8	–	–	–
Length [mm]	–	20	–	–	–
Protection rating to EN 60529	IP65, IP67 (mounted)	IP65, IP67 (mounted)	IP65, IP67 (mounted)	IP65, IP67 (mounted)	–
Product weight [g]	20	10	5	5	–

Materials					
Type	AK-SUB-9/15-B	AK-RJ45	ISK-M8	ISK-M12	ASI-KK-FK
Housing	–	–	Reinforced PA	Reinforced PA	PA
Cover	PA	PA	–	–	–
Screws	Galvanised steel	Steel	–	–	–
Seal	NBR	NBR	–	–	–
Note on materials	–	–	RoHS-compliant	–	RoHS-compliant

Operating and environmental conditions					
Type	AK-SUB-9/15-B	AK-RJ45	ISK-M8	ISK-M12	ASI-KK-FK
Ambient temperature [°C]	–5 ... +50	–5 ... +50	–10 ... +50	–10 ... +50	–
LABS (PWIS) conformity	–	–	VDMA24364-B2-L	VDMA24364-B2-L	–

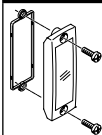
Datasheet

Examples for attaching covers



Covers are inserted/screwed into or placed/screwed onto unused connections/openings.

- [1] ISK-M12
- [2] AK-SUB-9/15-B
- [3] AK-RJ45

Ordering data	Description	Mounting	Part no.	Type
	Transparent cover for sealing switches and unused connections (on components of the CPX terminal)	2 screws, M3x10	533334	AK-SUB-9/15-B
	Cover for sealing switches and unused RJ45 connections (on components of the CPX terminal)	2 screws, M3x14	534496	AK-RJ45
	Cover cap (pack of 10) for (non-pressure-tight) sealing of openings with M8 or M12 female thread (particularly unused electrical connections)	M8 thread	177672	ISK-M8
		M12 thread	165592	ISK-M12
	Plug for sealing the open end of an AS-Interface cable	Pushed in by hand	18787	ASI-KK-FK

Datasheet – Mounting components

Mounting NEAU-A

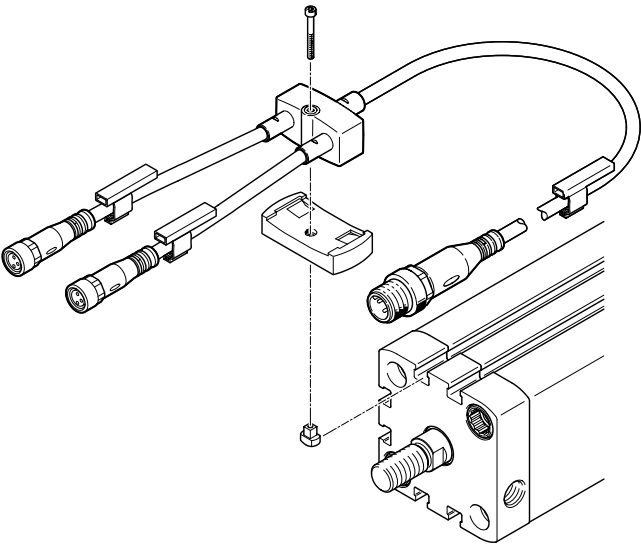
For mounting distributors NEDY-...,
pneumatic tubing and electrical cables
on Festo cylinders with integrated
T-slot for sensors.



General technical data	
Design	For T-slot
Type of mounting	Clamped in T-slot
	Parallel and at right angles to the T-slot
	Inserted in the slot from above
Materials	
Housing	Reinforced PA
Screws	High-alloy stainless steel
Slot nut material	Nickel-plated brass
Note on materials	Free of copper and PTFE
	RoHS-compliant
Operating and environmental conditions	
Ambient temperature	[°C] -25 ... +85
Storage temperature	[°C] -25 ... +85
Corrosion resistance class CRC ¹⁾	2

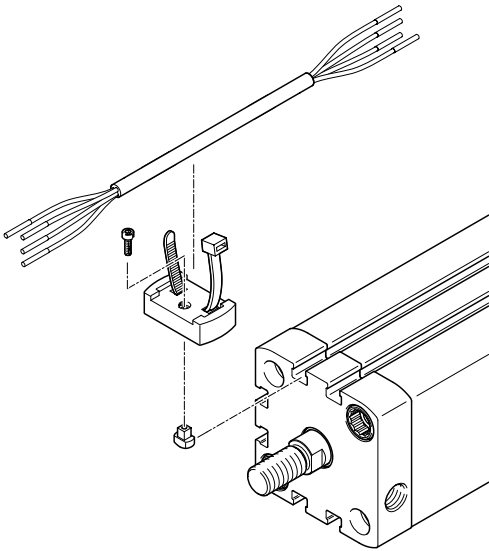
1) More information: www.festo.com/x/topic/crc

Mounting



The distributors NEDY have a through-hole suitable for an M2 screw on the distributor housing.
The mounting kit is available in two sizes for mounting in T-slots.

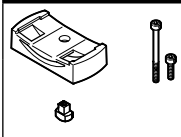
The distributors NEDY can be easily and safely mounted using the mounting kit or for pneumatic tubing and electrical connecting cables using a cable tie.



The mounting kit guarantees secure mounting in T-slots from Festo. The geometry of the retaining bracket and of the slot nut are precisely adapted to these T-slots.

The distributor can be mounted parallel or at right angles to the T-slot and the slot nut can be inserted into the T-slot from above or from the side.

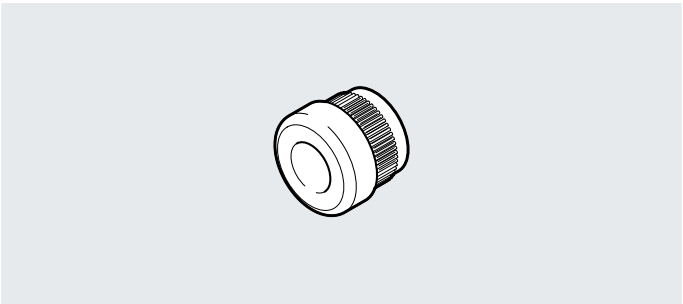
Datasheet – Mounting components

Ordering data				
	Description	Size	Part no.	Type
	1 mounting comprising: • Retainer • Screw for securing pneumatic tubing and cables • Screw for distributor NEDY • Slot nut • Assembly instructions.	1 (For distributors NEDY size M8)	8032868	NEAU-A-N8-1
		2 (For distributors NEDY size M12)	8032869	NEAU-A-N8-2

Datasheet – Cable seals

Cable seal NEAU-KD

For reducing the permissible cable diameter for power supply socket NECU.



General technical data				
Connection 1, design		Pg 13.5		
Connection 2, design		Cable diameter 6.5 ... 9.5 mm		
Product weight	[g]	4		
Materials				
Seals		TPE-V		
Colour		Black		
Slot nut material		Nickel-plated brass		
Note on materials		RoHS-compliant		
Operating and environmental conditions				
Ambient temperature	[°C]	−40 ... +85		
Storage temperature	[°C]	−40 ... +85		
Fire-tested		UL94 V-0		
Ordering data				
	Description	Pack size	Part no.	Type
	For power supply socket NECU-M-PPG5PP-C1-PN	5 pieces	8079860	NEAU-KD-P4-A1-P5

Datasheet – Inscription label holder

Inscription label holders NEAU-LH For identifying connecting cables



General technical data	
Type of mounting	Clip
Pack size	100
Product weight [g]	0.3
Materials	
Colour	Transparent
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	Halogen-free
	RoHS-compliant
Operating and environmental conditions	
Ambient temperature [°C]	−40 ... +100
Corrosion resistance class CRC ¹⁾	4

1) More information: www.festo.com/x/topic/crc

Ordering data							
	Length	Width	Height	For cable diameter	Part no.	Type	ST ¹⁾
	23 mm	5.4 mm	10.1 mm	1.7 ... 3 mm	8078305	NEAU-LH-1	100
			10.3 mm	2.5 ... 3.5 mm	8078306	NEAU-LH-2	100
			11.6 mm	3.3 ... 4.8 mm	8078307	NEAU-LH-3	100
			12.1 mm	4.2 ... 5.6 mm	8143238	NEAU-LH-4	100

1) Pack size

Ordering data – Accessories				Part no.	Type
	Inscription labels for inscription label holder	1020 pieces		541598	ASLR-L-423

Datasheet – Safety clip

Safety clip NEAU-M

For protecting electrical connecting cables/push-in connectors from getting easily disconnected.



Materials	
Safety clip	PA
Note on materials	RoHS-compliant

Operating and environmental conditions	
Ambient temperature [°C]	–20 ... +60
Corrosion resistance class CRC ¹⁾	3

1) More information: www.festo.com/x/topic/crc

Ordering data				
	Description	Size	Part no.	Type
	Protects against easy disconnection (without a tool) of the screw-type lock on an electrical plug connector; to be fastened securely to the cable	M8	548067	NEAU-M8-GD
		M12	548068	NEAU-M12-GD