









#### **Advantages**



## Large connections

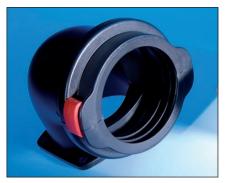
The m-jumbo family consists of conduit connections manufactured from highgrade polyamide and are designed for large conduits of sizes NW 70 and NW 95.

The connection has protection rating IP 52. In addition to this the conduit remains rotatable in the fitting.

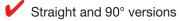
The protection rating can be easily increased to IP 65 using an additional sealing ring.

The cable protection conduit can be easily fixed to the conduit connection by means of two half shells.

The connections are inherently stable and also provide a high level of tear-out strength.



- Easy assembly
  - High protection class
- Conduit remains rotatable in the fitting



High tear-out strength



### m-jumbo conduit connection product range



Type SA-Jumbo (flange connection)

Straight flange connection for jumbo cable protection conduits.

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Type KFW-Jumbo (90° flange connection)

Right-angled flange connection for jumbo cable protection conduits.

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## **Combination options**

	Conduit connection from NW 70									
	SA-Jumbo	KFW-Jumbo								
EF	×	×								
EW	V	V								
EWF	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EWS	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EWX	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EW-G	×	×								
EW-HY	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EW-LS	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EW-PA	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EW-PA-LS	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EW-PA-UL	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EW-PA-EX	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EW-PAB	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EW-PAE	<ul> <li>✓</li> </ul>	<i>✓</i>								
EW-PAL	✓	<ul> <li>✓</li> </ul>								
EW-PAP	×	×								
EW-PP	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EW-PRF	<ul> <li>✓</li> </ul>	<i>v</i>								
EW-TEF	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EWT-PA	· ·	<i>v</i>								
EWT-PP	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EWX-LS	· ·	<i>v</i>								
EWX-PA	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EWX-PA-LS	· · ·	<i>v</i>								
EWX-PA-UL	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
EWX-PAE	V	<i>v</i>								
EWX-PAE-LS	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>								
GF ✔ combinable	×	×								

✓ combinable

 $\pmb{\mathsf{X}}$  not combinable



## Material data

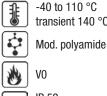
Material		Temperature area [°C]		Protection rating on corrugated conduit	Fire specifications UL94	UL File number E148958	Halogen-free	Phosphorous-free	Cadmium-free	Asbestos-free	Lead-free	Silicone-free	RoHS Compliant	
_		Min.	Min. Max. Short periods		uo	Fire	NLF		Н					
SA-Jumbo	Polyamide PA6	-40	110	140	IP 52 IP 65 with additional sealing ring	VO		v	~	v	v	V	V	r L
KFW-Jumbo	Polyamide PA6	-40	110	140	IP 52 IP 65 with additional sealing ring	VO		V	~	V	V	V	V	5



#### Type SA-Jumbo (flange connection)



-40 to 110 °C transient 140 °C



IP 52 IP 65 with DS seal

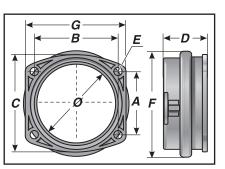
- Straight flange connection for Jumbo cable protection conduit
- Split ring makes assembly easy
- · High tear-out strength thanks to inherently stabile connection ring
- No sealing  $\rightarrow$  conduit turns in the fitting
- With sealing → higher level of protection
- O-ring for flange/housing included in delivery



SA-Jumbo



DS



Туре	Order no.	Colour	Suitable for Murrflex	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Ø mm	Pack qty.
SA 70	83681014	black	70	60.0	80.0	94.0	52.0	7.5	106.0	96.0	70.0	1
SA 95	83681016	black	95	74.0	108.0	126.0	52.0	7.5	132.0	126.0	95.0	
SA 70	83681010	grey	70	60.0	80.0	94.0	52.0	7.5	106.0	96.0	70.0	1
SA 95	83681012	grey	95	74.0	108.0	126.0	52.0	7.5	132.0	126.0	95.0	

Seal for IP 65 (conduit connection/fitting):

83101238 DS 70 DS 95 83101240



RoHS compliant

### Type KFW-Jumbo (90° flange connection)



transient 140 °C

-40 to 110 °C



IP 65 with DS seal

Angled flange connection for Jumbo cable protection conduit

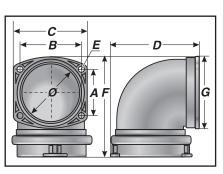
- Split ring makes assembly easy
- · High tear-out strength thanks to inherently stabile connection ring
- No sealing  $\rightarrow$  conduit turns in the fitting
- With sealing → higher level of protection
- 0-ring for flange/housing included in delivery



KFW-Jumbo



DS



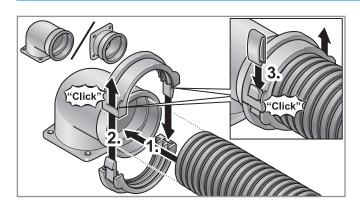
Туре	Order no.	Colour	Suitable	Α	В	C	D	E	F	G	Ø	Pack
			for	mm	mm	mm	mm	mm	mm	mm	mm	qty.
			Murrflex									
KFW-70	83681213	black	70	60.0	80.0	96.0	110.0	7.0	137.0	94.0	77.0	1
KFW-95	83681214	black	95	74.0	108.0	127.0	144.0	7.0	167.0	128.0	111.0	1
KFW-70	83681210	grey	70	60.0	80.0	96.0	110.0	7.0	137.0	94.0	77.0	1
KFW-95	83681212	grey	95	74.0	108.0	127.0	144.0	7.0	167.0	128.0	111.0	1

Seal for IP 65 (conduit connection/fitting): DS 70 83101238

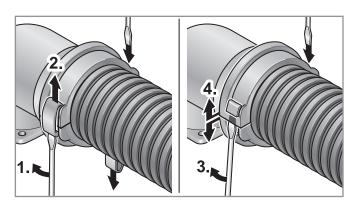
DS 70 83101238 DS 95 83101240



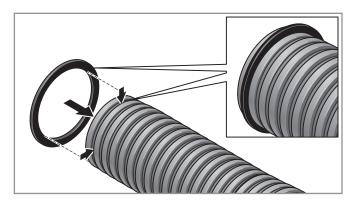
### Assembly



Insert cable protection conduit into fitting. Position and fix half shells onto the fitting. Fit locking mechanisms on both sides.



Loosen and remove locking mechanisms on both sides with an appropriate tool. Loosen latchings and remove half shells. Remove cable protection conduit from the fitting.



An addition sealing ring is needed on the cable protection conduit to achieve a protection rating of IP 65. To this end pull the seal onto the first recess on the cable protection conduit. Thereafter assemble according to step 1.