



Portrait

ROHRflex  
Conduits

FLEXAquick  
Connectors

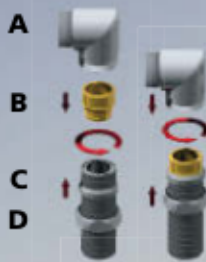
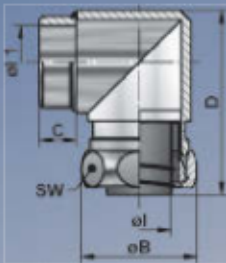
Metal  
Conduits

Metal  
Conduits  
liquid tight

Plastic  
Conduits

Special  
Conduits

Connectors



### Metall-Sicherheitsverschraubung 90° Winkel

**Außengewinde**  
inkl. Innentülle, Dichtring oder  
Messing-Druckring [MSD] und O-Ring

### Konstruktion

Verschraubungsgehäuse mit Sechskant-  
schlüssel­fläche, Anschlussgewinde PG  
nach DIN 40430, Sechskant-Druckmutter,  
Dichtring aus Kunststoff oder  
Messing-Druckring, zur Aufnahme  
der Innentülle aus Metall / Kunststoff

### Material

**Gehäuse** Zinkdruckguss  
**Druckmutter** Messing vernickelt  
**Dichtring** TPE oder PTFE  
**Druckring** Messing  
**Innentülle** Messing / Kunststoff  
**O-Ring** NBR

### Eigenschaften

- hoher Staub- / Flüssigkeitsschutz
- kraftschlüssige Verbindung von  
Schlauch und Verschraubung
- einwandfreie Erdung
- Abdeckung der Schlauchenden
- vibrations- und zugfest

### Wichtig

Die Funktionssicherheit der  
Verschraubung ist nur mit entsprechender  
Innentülle gewährleistet.  
Für EMV-Verwendung Montageanleitung  
beachten.

### Metal connector, safety-type 90° elbow

**outer thread**  
incl. ferrule, sealing or  
brass thrust collar [MSD] and O-ring

### Structure

Connector body with hexagonal wrench  
surface, connector thread PG  
acc. to DIN 40430, hexagon pressure nut,  
plastic seal or brass thrust collar,  
to receive FLEXA ferrule made of  
metal / plastics

### Material

**Connector body** zinc die-casting  
**Pressure nut** nickel-plated brass  
**Sealing ring** TPE or PTFE  
**Thrust collar** brass  
**Ferrule** brass / plastics  
**O-ring** NBR

### Properties

- highly watertight and dustproof
- friction-type locking of conduit  
and screw connector
- correct grounding
- covered conduit ends
- vibration- and tensionproof

### Important

Security of the connector is only  
guaranteed with the corresponding  
ferrule.  
For EMC-usage please see assembly  
instructions.

AD  
OD



Technische Basisdaten  
Technical basic data

USW-P  
USW-P

ø	PG DIN 40430	øB mm	C mm	D mm	SW mm	kg/100
10	7	19,0	9,0	36,0	17	2,800
14	9	23,0	9,0	41,0	21	3,600
17	11	27,0	9,0	45,0	25	5,900
19	13,5	29,0	10,0	49,5	27	7,700
21	16	31,0	10,0	52,0	29	10,000
27	21	39,0	10,5	58,0	36	13,100
36	29	48,0	11,0	72,0	45	23,300

- A** Verschraubungsgehäuse  
connector body
- B** Tülle  
ferrule
- C** Dichtring oder  
Messing-Druckring  
sealing or  
brass thrust collar
- D** Druckmutter  
pressure nut

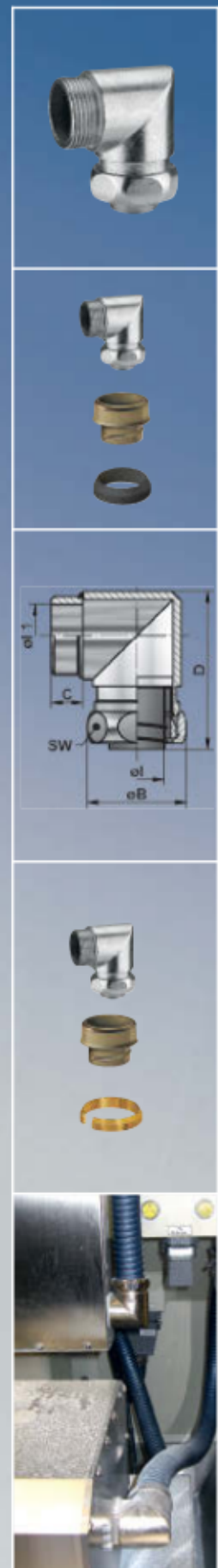


IP 40 ... IP 66

-40°C ... +125°C / +250°C [MSD]

USW-P

AD OD		FLEXA No.			FLEXA No.			
		SPR-AS SPR-VA			SPR-PA SPR-PU-F SPR-PVC-AS SPR-PU-AS			
ø	PG DIN 40430	[IP 40]	mm	ø mm	[IP 65]	mm	ø mm	St. Pcs.
10	7	5010.227.007	8 x 10	6,5	5010.228.007	7 x 10	6,0	25
14	9	5010.227.009	11 x 14	10,0	5010.228.009	10 x 14	8,5	25
17	11	5010.227.011	14 x 17	12,5	5010.228.011	13 x 17	11,5	25
19	13,5	5010.227.013	16 x 19	14,5	5010.228.013	15 x 19	13,5	25
21	16	5010.227.016	18 x 21	16,5	5010.228.016	17 x 21	15,5	25
27	21	5010.227.021	23 x 27	21,5	5010.228.021	22 x 27	20,5	10
36	29	5010.227.029	31 x 36	29,5	5010.228.029	29 x 36	27,5	10
		FLEXAgraff®-AS FLEXAgraff®-VA			FLEXAgraff®-PU-AS FLEXAgraff®-PU-F			
ø	PG DIN 40430	[IP 40]	mm	ø mm	[IP 65]	mm	ø mm	St. Pcs.
10	7	5010.227.007	8 x 10	6,5	5010.228.007	7 x 10	6,0	25
14	9	5010.239.009	12 x 14	10,5	5010.227.009	10 x 14	10,0	25
17	11	5010.227.011	14 x 17	12,5	5010.228.011	13 x 17	11,5	25
19	13,5	5010.227.013	16 x 19	14,5	5010.228.013	15 x 19	13,5	25
21	16	5010.227.016	18 x 21	16,5	5010.228.016	17 x 21	15,5	25
27	21	5010.239.021	24 x 27	22,5	5010.240.021	23 x 27	21,5	10
36	29	5010.227.029	31 x 36	29,5	5010.228.029	29 x 36	27,5	10
		AIRflex®-KUW-PVC-AS AIRflex®-KUW-PU-AS AIRflex®-GRS [IP 65] AIRflex®-K			FLEXAgraff®-SI-ASF			
ø	PG DIN 40430	[IP 54]	mm	ø mm	[IP 66]	mm	ø mm	St. Pcs.
10	7	5010.230.007	7 x 10	6,0				25
14	9	5010.230.009	10 x 14	9,0	5010.237.009	10 x 14	9,0	25
17	11	5010.230.011	13 x 17	11,5	5010.237.011	12 x 17	10,5	25
19	13,5	5010.230.013	15 x 19	13,0				
21	16	5010.230.016	16 x 21	14,5	5010.235.016	16 x 21	14,5	25
27	21	5010.230.021	21 x 27	19,5	5010.201.021	21 x 27	19,5	10
36	29	5010.230.029	29 x 36	26,5	5010.237.029	27 x 36	26,5	10
		FLEXAgraff®-CU-AS			SPR-CU-AS SPR-EDU-AS			
ø	PG DIN 40430	[IP 40]	mm	ø mm	[IP 40]	mm	ø mm	St. Pcs.
10	7	5011.228.007	7 x 10	6,0	5011.228.007	7 x 10	6,0	25
14	9	5011.227.009	11 x 14	10,0	5011.228.009	10 x 14	8,5	25
17	11	5011.228.011	13 x 17	11,5	5011.228.011	13 x 17	11,5	25
19	13,5	5011.228.013	15 x 19	13,5	5011.228.013	15 x 19	13,5	25
21	16	5011.228.016	17 x 21	15,5	5011.228.016	17 x 21	15,5	25
27	21	5011.240.021	23 x 27	21,5	5011.228.021	22 x 27	20,5	10
36	29	5011.228.029	29 x 36	27,5	5011.228.029	29 x 36	27,5	10
		AIRflex®-KUW-EDU			SPR-PVC-EDU-AS SPR-HI-EDU			
ø	PG DIN 40430	[IP 54]	mm	ø mm	[IP 54] [IP 52]	mm	ø mm	St. Pcs.
14	9	5011.228.009	9 x 14	8,5	5011.228.009	9 x 14	8,5	25
17	11	5011.235.011	12 x 17	11,0	5011.235.011	12 x 17	11,0	25
19	13,5	5011.235.013	14 x 19	13,0	5011.235.013	14 x 19	13,0	25
21	16	5011.235.016	15 x 21	14,5	5011.235.016	16 x 21	14,5	25
27	21	5011.235.021	20 x 27	19,5	5011.201.021	21 x 27	19,5	10
36	29	5011.228.029	28 x 36	27,5	5011.228.029	28 x 36	27,5	10



- Portrait
- ROHrflex  
Wellenschlauch
- FLEXAquick  
Anschluss-  
technik
- Metall  
Schläuche
- Metall  
Schläuche  
- dicht -
- Kunststoff  
Schläuche
- Spezial  
Schläuche
- Anschluss-  
technik

