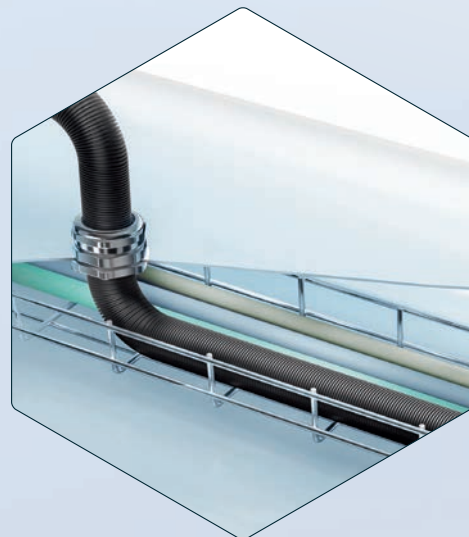


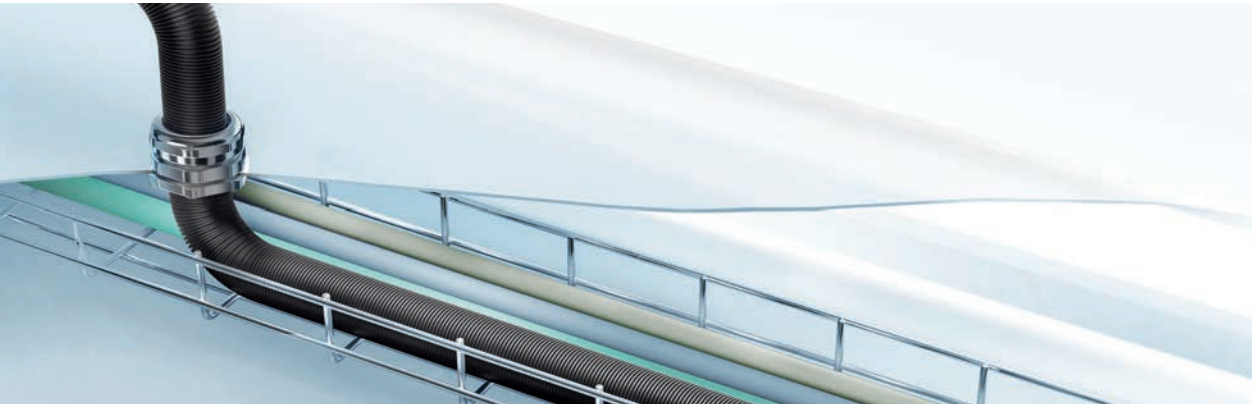
# PFLITSCH Corrugated conduit transit

For the safe routing of cables  
through the train roof and wall



# UNI corrugated conduit transit

Routing of cables for various components through roofs and walls



What you require

- » Safe and efficient routing of power, data and hydraulic lines for various components through the roof or walls of the train
- » Reliable cable protection
- » Tightness of seal
- » Vibration resistance
- » Some applications require additional EMC shielding or strain relief
- » Pre-assembled corrugated conduits must be installed
- » At least protection rating IP 68
- » Flexible and modular solution
- » Easy, safe installation
- » Space-saving and lightweight
- » Price-sensitive solution
- » Conformity with EN 45545-2

Our product solutions

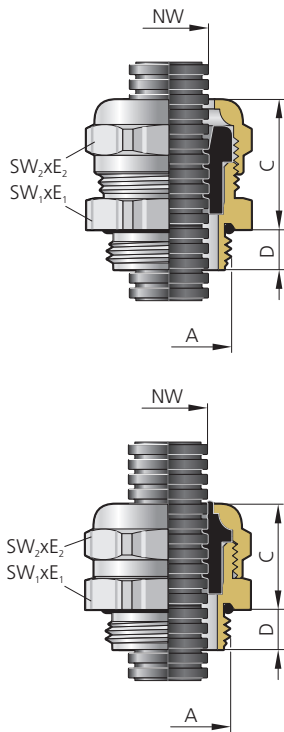
- » For all components that require cables to be run through the roof or walls of the train: the PFLITSCH corrugated conduit and the corrugated conduit transit
- » Reliable cable protection
- » Tread, pressure and weathering resistance, long-term stability
- » Good flexibility
- » Suitable solution: railway-certified, fire protection corrugated conduit transit for seamless routing of the conduit
- » Installation of pre-assembled corrugated conduits
- » Gland based on the UNI Dicht system, with special corrugated conduit sealing inserts for fine and coarse profile variants
- » Suitable for all PFLITSCH corrugated conduits and all common PMA corrugated conduits
- » Slotted sealing insert that maps the profile of the corrugation exactly for:
  - › tension-resistant assembly
  - › high tightness
- » Easy, safe installation with a flush connection
- » High vibration resistance
- » Excellent cost-benefit ratio
- » Can be combined with other UNI Dicht components, e.g. to seal multiple cables, provide EMC shielding or extra strain relief
- » Available in 6 sizes of corrugated conduit, other sizes on request
- » Optionally, the corrugated conduit can also end with the cable gland and does not have to be led through any further

Brass nickel-plated with o-ring made of HNBR Metric thread according to EN 60423 Type of protection IP 68 up to 10 bar Hazard level EN 45545-2: HL3



Suitable for commercially available corrugated conduit types, for example multilayer corrugated conduit XPCS (ABB/PMA)

Material	Brass
Type of protection	IP 68
Temperature range	−40 °C bis +150 °C



Connection thread/length	Art. no.	Mounting height	Suitable for corrugated conduit	Pro-file	Spanner width	
A	D mm	B mm	NW		SW1 x E1 / SW2 x E2	
M20x1,5	6,5	22053dBigeschl 13WR10	17	10	Fein	24x26,7/24x26,7 50
		22553dBigeschl 13WR10	17	10	Fein	28x31,2/24x26,7 50
M25x1,5	7,5	22554dBigeschl 16WR12	21	12	Fein	30x33,5/30x33,5 25
M32x1,5	8,0	23254dBigeschl 16WR12	21	12	Fein	35x38,5/30x33,5 25
M40x1,5	8,0	24056dBigeschl 29WR23	22,5	23	Grob	50x54/50x54 10
		25055dBigeschl 21WR17	22,5	17	Grob	54x58/40x43,5 10
		25056dBigeschl 29WR23	22,5	23	Grob	54x58/50x54 5
M50x1,5	10,0	25056dBigeschl 35WR29	22,5	29	Grob	54x58/50x54 5
		25057dBigeschl 43WR36	27	36	Grob	57x61/57x61 5
M63x1,5	10,3	263212dBigeschl 55WR48	41,5	48	Grob	81x87/81x87 5

70300 | TT13600



Further variants, including separate sealing to the cable, available on request

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