

System supports



BFH-0	BGL/BGH SGB		BGPS	BVYD/BVYR		BVTD/BVTR	
PA6	polyamide	metal		PA6		PA6	
PMACLIP System support	Tube clamp		Heavy system support	PMAFIX Y piece		PMAFIX T piece	
				IP66	IP68	IP66	IP68

BFH-07-0	BGL-07	SGB-07	–	BVYD-100707GT	BVYR-100707	BVTD-101010GT	BVTR-101010
BFH-10-0	BGL-10	SGB-09	–	BVYD-121010GT	BVYR-121010	BVTD-121212GT	BVTR-121212
BFH-12-0	BGL-12	SGB-11	–	BVYD-171212GT	BVYR-171212	BVTD-171717GT	BVTR-171717
BFH-17-0	BGL-17	SGB-16	BGPS-17	BVYD-231717GT	BVYR-231717	BVTD-232323GT	BVTR-232323
BFH-23-0	BGH-23	SGB-21	BGPS-23	BVYD-292323GT	BVYR-292323	BVTD-292929GT	BVTR-292929
BFH-29-0	BGH-29	SGB-29	BGPS-29	BVYD-362929GT	BVYR-362929	BVTD-363636GT	BVTR-363636
BFH-36-0	BGH-36	SGB-36	BGPS-36	BVYD-483636GT	BVYR-483636	BVTD-484848GT	BVTR-484848
BFH-48-0	BGH-48	SGB-48	BGPS-48				



NVNV	NVAV	NVWV	NVBV	NVNZ	GMM
Metal thread	Metal thread	Metal thread	Metal thread	Metal thread	
PMAFIX straight	PMAFIX 45° elbow	PMAFIX 90° elbow	PMAFIX 90° curved elbow	PMAFIX with strain relief	Hexagonal lock nut, brass
IP68	IP68	IP68	IP68	IP68	

–	–	–	–	–	–
–	–	–	–	–	–
NVNV-M120-10 / -5	NVAV-M120-10	NVWV-M120-10	–	NVNZ-M120S/P*	GMM-M12
NVNV-M160-10 / -5	–	NVWV-M160-10	–	NVNZ-M160S/P*	–
NVNV-M162-10 / -5	NVAV-M162-10	NVWV-M162-10	–	–	GMM-M16
NVNV-M202-10 / -6	–	NVWV-M202-10	–	NVNZ-M202S/P*	–
NVNV-M207-10 / -6	NVAV-M207-10	NVWV-M207-10	NVBV-M207-10	NVNZ-M207S/P*	GMM-M20
NVNV-M257-11 / -7	NVAV-M257-11	–	NVBV-M257-11	NVNZ-M257S/P*	–
NVNV-M253-11 / -7	NVAV-M253-11	NVWV-M253-11	NVBV-M253-11	NVNZ-M253S/P*	GMM-M25
NVNV-M323-13 / -8	NVAV-M323-13	–	NVBV-M323-13	NVNZ-M323S/P*	–
NVNV-M329-13 / -8	NVAV-M329-13	NVWV-M329-13	NVBV-M329-13	NVNZ-M329S/P*	GMM-M32
NVNV-M409-13 / -8	NVAV-M409-13	–	NVBV-M409-13	NVNZ-M409S/P*	–
NVNV-M406-13 / -8	NVAV-M406-13	NVWV-M406-13	NVBV-M406-13	NVNZ-M406S/P*	GMM-M40
NVNV-M506-14 / -9	NVAV-M506-14	–	NVBV-M506-14	NVNZ-M506S/P*	–
NVNV-M508-14 / -9	NVAV-M508-14	NVWV-M508-14	NVBV-M508-14	NVNZ-M508S/P*	GMM-M50
NVNV-M638-14 / -10	NVAV-M638-14	NVWV-M638-14	NVBV-M638-14	NVNZ-M638S/P*	GMM-M63

* various sealing inserts available



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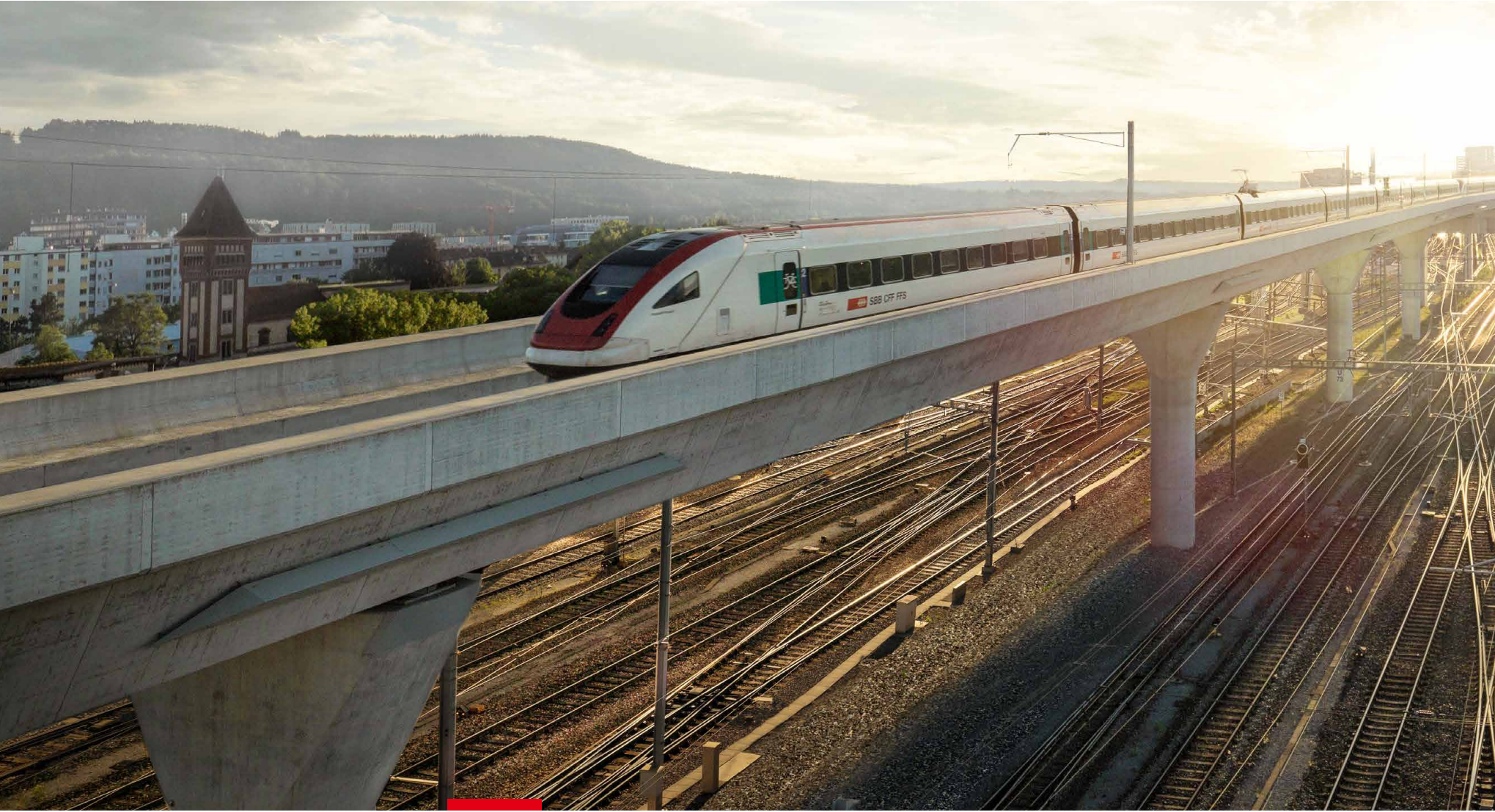
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Cable protection systems

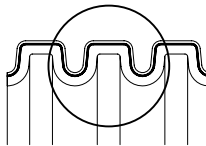
A selection from over 7500 products

Standard conduit types

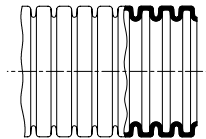


Products	PCL		XSOL		CYL		VOH		PIS		PCS		VCS		VAM		VAML		LLPA		LLPO		ESD		CUS		PHT			
Approvals	 				 		 		 				 						 											
Material	PA6		PA12/PA6		PA6		PA6		PA12		PA12		PA6		PA6		PA6		PA6		PP		PA12		PA6		TPE-A			
Characteristics	Very flexible, medium-duty conduits		Highly flexible, medium-duty conduits		Very flexible, medium-duty conduits		Flexible, very heavy-duty conduits		Highly flexible, medium-duty conduits		Highly flexible, heavy-duty conduits		Flexible, heavy-duty conduits		Flexible, heavy-duty conduits		Very flexible, medium-duty conduits		Very flexible, medium-duty conduits		Very flexible, light-duty conduits		Very flexible, medium-duty conduits		Very flexible, medium-duty conduits		Highly flexible conduits medium-duty heavy-duty			
Conduit size metric	Conduit size Nominal Width																													
10	07	PCLT-07B	–	–	–	CYLT-07B	–	VOHD-07B	–	PIST-07B	–	PCST-07B	–	VCST-07B	–	–	–	VAMLT-07B	–	LLPA-07A	–	–	–	LLPO-07A	–	–	–	–	PHTT-07B	–
12	10	PCLT-10B	–	XSOLT-10BG	–	CYLT-10B	–	VOHD-10B	–	PIST-10B	–	PCST-10B	–	VCST-10B	–	VAMT-10B	–	VAMLT-10B	–	LLPA-10A	–	–	–	LLPO-10A	–	–	–	–	PHTT-10B	–
16	12	PCLT-12B	–	XSOLT-12BG	–	CYLT-12B	–	VOHD-12B	–	PIST-12B	–	PCST-12B	–	VCST-12B	–	VAMT-12B	–	VAMLT-12B	–	LLPA-12A	–	–	–	LLPO-12A	–	–	–	–	PHTT-12B	–
20	17	PCLT-17B	PCLG-17B		XSOLG-17BG	CYLT-17B	–	–	VOHG-17B	PIST-17B	PISG-17B	PCST-17B	PCSG-17B	–	VCSG-17B	–	VAMG-17B	–	VAMLG-17B	LLPA-17A	LLPAG-17A	LLPO-17A	–	–	–	–	–	CUSG-17B	PHTT-17B	PHTG-17B
25	23	–	PCLG-23B		XSOLG-23BG	–	CYLG-23B	–	VOHG-23B	PIST-23B	PISG-23B	–	PCSG-23B	–	VCSG-23B	–	VAMG-23B	–	VAMLG-23B	LLPA-23A	LLPAG-23A	LLPO-23A	–	–	–	–	–	CUSG-23B	PHTT-23B	PHTG-23B
32	29	–	PCLG-29B		XSOLG-29BG	–	CYLG-29B	–	VOHG-29B	PIST-29B	PISG-29B	–	PCSG-29B	–	VCSG-29B	–	VAMG-29B	–	VAMLG-29B	LLPA-29A	LLPAG-29A	LLPO-29A	–	–	–	–	–	CUSG-29B	–	PHTG-29B
40	36	–	PCLG-36B		XSOLG-36BG	–	CYLG-36B	–	VOHG-36B	PIST-36B	PISG-36B	–	PCSG-36B	–	VCSG-36B	–	VAMG-36B	–	VAMLG-36B	LLPA-36A	LLPAG-36A	LLPO-36A	–	–	–	–	–	CUSG-36B	–	PHTG-36B
50	48	–	PCLG-48B		XSOLG-48BG	–	CYLG-48B	–	VOHG-48B	PIST-48B	PISG-48B	–	PCSG-48B	–	VCSG-48B	–	VAMG-48B	–	VAMLG-48B	LLPA-48A	LLPAG-48A	LLPO-48A	–	–	–	–	–	CUSG-48B	–	PHTG-48B

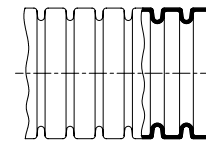
Other conduits on request.
All product numbers are for black components. Grey and other colours on request.



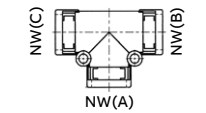
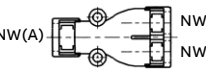
X*** = Multilayer conduit



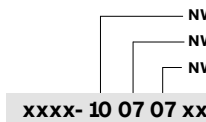
Fine profile T
Tight bending radius



Coarse profile G
High pull-out strength



PMAFIX Code reference



Connectors with PG, NPT, GAS and UN thread types are also available. Please contact our customer service.

Connectors



Products			NKNH	NKAH	NKBH	NKNZ	NKIS	BVND/BVNV		BVAD/BVAV		BVWD/BVWV		BVBD/BVBV		BVNDZ/BVNZ		BVI	BVOD/BVOV		ALND	ALWD	ALAD	BMN					
Approvals																													
Thread material			Metal thread	Metal thread	Metal thread	Metal thread	Metal thread	PA6 thread		PA6 thread		PA6 thread		PA6 thread		PA6 thread		PA6 thread		PA6 flange		PA6 thread	PA6 thread	PA6 thread	PA6				
Fitting type			PMAFIX Pro straight	PMAFIX Pro 45° elbow	PMAFIX Pro 90° curved elbow	PMAFIX Pro with strain relief	PMAFIX Pro with female thread	PMAFIX straight		PMAFIX 45° elbow		PMAFIX 90° elbow		PMAFIX 90° curved elbow		PMAFIX with strain relief		PMAFIX with female thread		PMAFIX flange 90°		PMA Smart Line straight	PMA Smart Line 90° elbow	PMA Smart Line 45° elbow	Hexagonal lock nut black				
IP Rating			IP68 + IP69K	IP68 + IP69K	IP68 + IP69K	IP68 + IP69K	IP68 + IP69K	IP66	IP68	IP66	IP68	IP66	IP68	IP66	IP68	IP66	IP68	IP66	IP68	IP66	IP68	IP66	IP66	IP66	IP66				
For conduit size metric			Thread type																										
10	07	M12 x 1.5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Female thread adapters available with different UN threads (suitable for AMP-, Souriau- and ITT-Cannon-multipin connectors).	Free inner diameter according PG size.		–	–	–	–					
		M12 x 1.5	–	–	–	–	–	BVND-M12MGT		BVNV-M12M		–	–	BVWD-M12MGT		BVWV-M12M			–	–	–	–	–	–	–				
12	10	M12 x 1.5	NKNH-M120-10	NKAH-M120-10	NKBH-M120-10	NKNZ-M120/P*	–	BVND-M120GT		BVNV-M120		BVAD-M120GT		–	BVWD-M120GT		BVWV-M120		–	–	–	–	ALND-M120	ALWD-M120	ALAD-M120	BMN-M12			
		M16 x 1.5	NKNH-M160-10	NKAH-M160-10	NKBH-M160-10	NKNZ-M160/P*	–	BVND-M160GT		BVNV-M160		BVAD-M160GT		BVAV-M160	BVWD-M160GT		BVWV-M160		–	–	BVNDZ-M160GT		–	ALND-M160	ALWD-M160	ALAD-M160	BMN-M16		
16	12	M16 x 1.5	NKNH-M162-10	NKAH-M162-10	NKBH-M162-10	–	NKIS-M162	BVND-M162GT		BVNV-M162		BVAD-M162GT		BVAV-M162	BVWD-M162GT		BVWV-M162		–	–	BVNDZ-M162GT		BVNZ-M162S	ALND-M162	ALWD-M162	ALAD-M162	–		
		M20 x 1.5	NKNH-M202-10	NKAH-M202-10	NKBH-M202-10	NKNZ-M202/P*	–	BVND-M202GT		BVNV-M202		BVAD-M202GT		BVAV-M202	BVWD-M202GT		BVWV-M202		–	–	–	–	–	ALND-M202	ALWD-M202	ALAD-M202	BMN-M20		
20	17	M20 x 1.5	NKNH-M207-10	NKAH-M207-10	NKBH-M207-10	NKNZ-M207/P*	NKIS-M207	BVND-M207GT		BVNV-M207		BVAD-M207GT		BVAV-M207	BVWD-M207GT		BVWV-M207		BVBD-M207GT	BVBV-M207	BVNDZ-M207GT		BVNZ-M207S	ALND-M207	ALWD-M207	ALAD-M207	–		
		M25 x 1.5	NKNH-M257-11	NKAH-M257-11	NKBH-M257-11	NKNZ-M257/P*	–	BVND-M257GT		BVNV-M257		–	–	–	–	BVWD-M257GT			BVWV-M257		BVBD-M257GT	BVBV-M257	–	–	ALND-M257	ALWD-M257	ALAD-M257	BMN-M25	
25	23	M25 x 1.5	NKNH-M253-11	NKAH-M253-11	NKBH-M253-11	NKNZ-M253/P*	NKIS-M253	BVND-M253GT		BVNV-M253		BVAD-M253GT		BVAV-M253	BVWD-M253GT		BVWV-M253		BVBD-M253GT	BVBV-M253	BVNDZ-M253GT		BVNZ-M253S	ALND-M253	ALWD-M253	ALAD-M253	–		
		M32 x 1.5	NKNH-M323-13	NKAH-M323-13	NKBH-M323-13	NKNZ-M323/P*	–	BVND-M323GT		BVNV-M323		–	–	–	–	BVWD-M323GT			BVWV-M323		BVBD-M323GT	BVBV-M323	–	–	ALND-M323	ALWD-M323	ALAD-M323	BMN-M32	
32	29	M32 x 1.5	NKNH-M329-13	NKAH-M329-13	NKBH-M329-13	NKNZ-M329/P*	NKIS-M329	BVND-M329GT		BVNV-M329		BVAD-M329GT		BVAV-M329	BVWD-M329GT		BVWV-M329		BVBD-M329GT	BVBV-M329	BVNDZ-M329GT		BVNZ-M329S	ALND-M329	ALWD-M329	ALAD-M329	–		
		M40 x 1.5	NKNH-M409-13	NKAH-M409-13	NKBH-M409-13	NKNZ-M409/P*	–	BVND-M409GT		BVNV-M409		–	–	–	–	BVWD-M409GT		BVWV-M409		BVBD-M409GT	BVBV-M409	–	–	ALND-M409	ALWD-M409	ALAD-M409	BMN-M40		
40	36	M40 x 1.5	NKNH-M406-13	NKAH-M406-13	NKBH-M406-13	NKNZ-M406/P*	NKIS-M406	BVND-M406GT		BVNV-M406		BVAD-M406GT		BVAV-M406	BVWD-M406GT		BVWV-M406		BVBD-M406GT	BVBV-M406	BVNDZ-M406GT		BVNZ-M406S	ALND-M406	ALWD-M406	ALAD-M406	–		
		M50 x 1.5	NKNH-M506-14	NKAH-M506-14	NKBH-M506-14	NKNZ-M506/P*	–	BVND-M506GT		BVNV-M506		BVAD-M506GT		BVAV-M506	–	–	BVWD-M506GT		BVWV-M506		BVBD-M506GT	BVBV-M506	–	–	ALND-M506	ALWD-M506	ALAD-M506	BMN-M50	
50	48	M50 x 1.5	NKNH-M508-14	NKAH-M508-14	NKBH-M508-14	NKNZ-M508/P*	NKIS-M508	BVND-M508GT		BVNV-M508		BVAD-M508GT		BVAV-M508	BVWD-M508GT		BVWV-M508		BVBD-M508GT	BVBV-M508	BVNDZ-M508GT		BVNZ-M508S	ALND-M508	ALWD-M508	ALAD-M508	–		
		M63 x 1.5	NKNH-M638-14	NKAH-M638-14	NKBH-M638-14	NKNZ-M638/P*	NKIS-M638	BVND-M638GT		BVNV-M638		BVAD-M638GT		BVAV-M638	–	–	BVWD-M638GT		BVWV-M638		BVBD-M638GT	BVBV-M638	BVNDZ-M638GT		BVNZ-M638S	ALND-M638	ALWD-M638	ALAD-M638	BMN-M63

*various sealing inserts available

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