




















Technical Data Sheet

<p>IP 68 / IP 69K*</p> 	<p>Plastic connector, quick-type, 90° bend, outer thread, conically sealing</p> <p>RQB90</p> <div>      </div>	<p>Nr.: 5020.0... 5103.0...</p> <p>Revision A2 March 2012</p>
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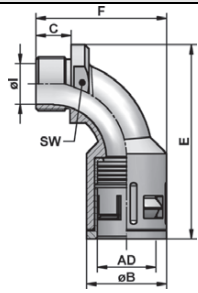









Description	Characteristics	Unit	Value	Test
<p>Material Body: Plastic (PA) Seal: TPE</p> <p>Color Grey and Black</p> <p>Temperature range -40°C up to + 120°C</p> <p>Construction Screw connector case with hexagonal wrench surface and fixed outer thread, as well as integrated snap-in sleeve and sealing</p> <p>Properties</p> <ul style="list-style-type: none"> • Rational tubing assembly due to one-piece screw connector with push-in lock for coarse and fine profile conduits • Simple dismounting by displacing the snap-in sleeve • Smallest outer dimensions to be used under confined conditions • Free of silicone, cadmium and halogen • Self-extinguishing • Fit for high mechanical stress • Impact-resistant 	<p>Mechanical characteristics</p> <p>Tensile E-Modulus Tensile strength at yield Notched impact strength</p>	<p>MPa MPa kJ/m²</p>	<p>1.250 ... 3.500 50 ... 80 3 .. 15</p>	<p>ISO 527 ISO 527 ISO 179/1eA</p>
	<p>Thermal characteristics</p> <p>Temperature range</p>	<p>°C</p>	<p>-40 ..+ 120°</p>	
	<p>Flame characteristics</p> <p>Free of halogen and phosphor Flame class Light emitting filament check Oxygen index Flammability class</p>	<p>°C %</p>	<p>Yes V2 850 > 30 S 1</p>	<p>DIN 53474 UL 94 EN 695 ISO 4589-2 DIN 5510-2</p>
	<p>Specific approbations</p> <p>DIN 5510 - for railway cars DIN EN IEC 61386-23 for electrical installations</p>			
	<p>Chemical characteristics</p> <p>Resistance to fuels, mineral oils, fats, alkalises, acids and bases</p>		<p>excellent</p>	
	<p>Ingress protection</p> <p>By professional assembly with the correct FLEXA plastic tubing Without any additional parts</p>		<p>IP68 IP69K</p>	<p>IEC 60529 DIN 40050 T 9</p>



Technical Data Sheet

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Dimensions

<div>  <div> <p>Connector body</p>  </div> <div> <p>Sealing</p>  </div> <div> <p>Snap-in sleeve</p>  </div>  </div>											
Part No.	Part No.	AD OD									
Color: Grey	Color: Black	Ø		Ø I mm	Ø B mm	C mm	E mm	F mm	SW mm	kg/100	St. Pcs.
RQB 90-M											
Metr. EN 60423											
5103.010.012	5103.010.212	10,0	M 12 x 1,5	6,5	17,0	10,0	39,0	57,0	18	0,80	50
5103.013.016	5103.013.216	13,0	M 16 x 1,5	8,5	20,0	12,0	40,5	59,0	21	1,00	50
5103.015.020	5103.015.220	15,8	M 20 x 1,5	10,0	23,0	12,0	45,0	62,0	24	1,30	50
5103.021.020	5103.021.220	21,2	M 20 x 1,5	13,0	29,5	12,0	48,0	73,0	26	2,00	50
5103.021.025	5103.021.225	21,2	M 25 x 1,5	14,5	29,5	13,0	48,0	73,0	26	2,00	50
5103.028.025	5103.028.225	28,5	M 25 x 1,5	17,0	37,0	13,0	64,0	90,0	32	3,20	25
5103.028.032	5103.028.232	28,5	M 32 x 1,5	20,0	37,0	14,0	64,0	85,0	36	3,20	25
5103.034.032	5103.034.232	34,5	M 32 x 1,5	23,0	44,0	14,0	74,0	100,5	39	5,00	10
5103.034.040	5103.034.240	34,5	M 40 x 1,5	29,0	44,0	14,0	74,0	100,5	45	5,00	10
5103.042.040	5103.042.240	42,5	M 40 x 1,5	31,5	52,0	17,0	82,5	111,0	48	7,00	10
5103.042.050	5103.042.250	42,5	M 50 x 1,5	36,0	52,0	17,0	82,5	111,0	59	7,00	10
5103.054.050	5103.054.250	54,5	M 50 x 1,5	35,5	64,0	17,0	98,0	124,5	60	10,00	5
5103.054.063	5103.054.263	54,5	M 63 x 1,5	45,5	64,0	17,0	97,0	124,5	70	10,00	5
RQB 90-P											
PG DIN 40430											
	5020.090.207	10,0	7	6,5	17,0	10,0	39,0	57,0	18	0,80	50
	5020.090.209	13,0	9	8,5	20,0	12,0	40,5	59,0	21	1,00	50
	5020.090.211	15,8	11	10,0	23,0	12,0	45,0	62,0	24	1,30	50
	5020.090.213	18,5	13,5	12,5	25,0	12,0	47,0	65,0	27	1,60	50
	5020.090.216	21,2	16	14,5	29,5	13,0	48,0	73,0	26	2,00	50
	5020.090.221	28,5	21	20,0	37,0	14,0	64,0	85,0	36	3,20	25
	5020.090.229	34,5	29	29,0	44,0	14,0	74,0	100,5	46	5,00	10
	5020.090.236	42,5	36	36,0	52,0	17,0	82,5	111,0	58	7,00	10
	5020.090.248	54,5	48	45,5	64,0	17,0	97,0	124,5	70	10,00	5
RQB 90-N											
NPT EN 60529											
	5703.013.204	13,0	3/8"	8,5	20,0	12,0	56,5	40,0	21	1,32	50
	5020.018.204	15,8	3/8"	10,0	23,0	12,0	59,5	45,0	24	1,55	50
	5703.015.205	15,8	1/2"	10,0	23,0	12,0	59,5	45,0	24	1,67	50
	5020.018.206	21,2	1/2"	13,0	29,5	12,0	72,5	48,0	26	2,17	50
	5020.018.214	28,5	3/4"	17,0	37,0	13,0	87,5	62,5	32	3,41	25
	5020.018.216	34,5	1"	23,0	44,0	13,5	95,5	73,0	39	4,85	10
	5703.042.217	42,5	1 1/4"	31,5	52,0	17,0	103,5	82,5	48	6,90	10
	5020.018.209	54,5	1 1/2"	35,5	64,0	17,0	116,0	96,0	59	9,49	5
	5703.054.238	54,5	2"	45,5	64,0	15,5	122,0	96,0	70	10,46	5

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