



PENTEC DATA SHEET 1351-0-20-01

Customer: DUCO			
Subject: Adjustable thermostatic mixing valve Type: T-Mix G3/4" 35-70°C			
1. Condition of performance			
1.1 Max. operating temp.		85°C	
1.2 Storage temperature		-10°C .. +50°C	
2. Environmental conditions			
2.1 Fore use		Drinking Water	
2.2 Harmful for humanity		No, see point 6	
3. Mechanical/Dynamical spec.			
3.1 Min. working pressure		0,2 bar	
3.2 Max. working pressure		10 bar	
3.3 Capacity		1200 l/h at 1 bar	
3.4 Accuracy		approx +/-2°C	
4. Electrical specifications		--	
5. Geometric specifications			
5.1 Major dimensions		According to PenTec drawings 1351-0-20-01	
5.2 Connection cold water (0- 25°C)		Rp 3/4" female	
5.3 Connection hot water (60-95°C)		Rp 3/4" female	
5.4 Connection mixed water (30-70°C)		Rp 3/4" female	
6. Material specifications			
6.1 Housing		CuZn36Pb2As (CW625N - DZR)	
6.2 Cap		CuZn36Pb2As (CW625N - DZR)	
6.3 Adjusting screw		CuZn38Pb2 (CW617N - DW)	
6.4 Interior plastic parts		FORTRON/Ryton (PPS-GF)	
6.5 Inside conduction		-	
6.6 Rubber O-rings		EPDM 70 Shore Peroxide	
6.7 Spring		RVS (14310) (DIN2095)	
6.8 Thermo element		ELD - 317	
6.9 Lubrication		Berusil FO-25 (KTW-acceptance)	
6.9b Knob		PA	
7. Quality specifications			
7.1 General		100% leak-tested	
7.2 Lifetime		15 years	
8. Packing specifications			
8.1 General		24 pcs/box	
9. Standards and approvals			
9.1		CE-PED (ISO 9001:2015)	