

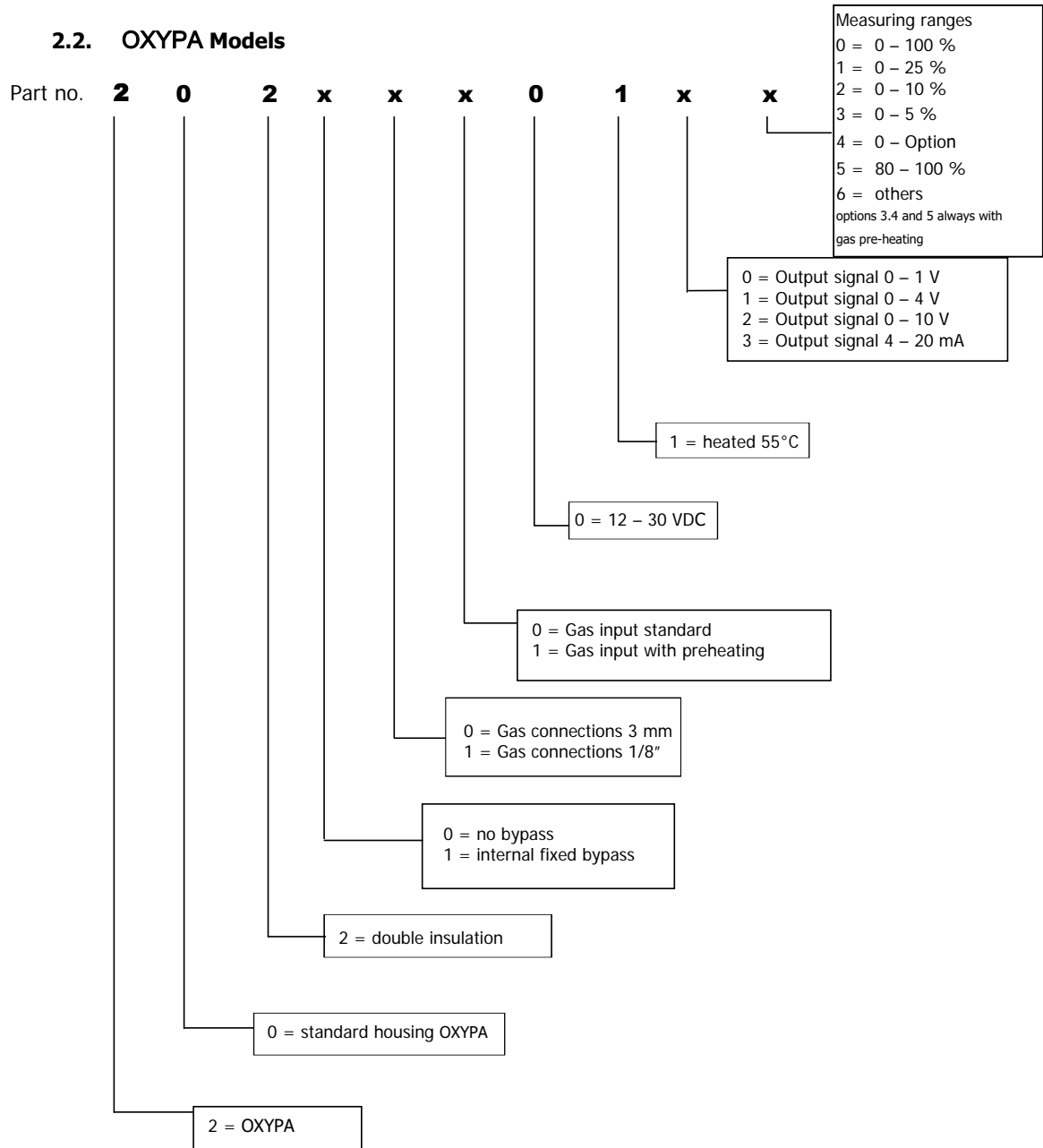
OXYPA order key

OXYPA General technical data

		OXYPA
Lowest measuring range		0 – 5% O ₂
Highest measuring range		0 – 100% O ₂
Power supply		12 – 30 VDC, regulated, max. 12 W
Measurement signal, standard		4-20 mA
Measurement signal, optional		0 – 1/4/10 V
Galvanic insulation		yes
Response time T ₉₀ with gas flow 150 ml/min.		< 3 s
Max. gas flow for direct gas supply		300 ml/min. 100 ml/min. typical
Gas flow with fixed bypass		18 – 70 l/h
Gas flow with bypass regulator		10 – 90 l/h
Ambient temperature		5 – 45 °C
Storage temperature		-25°C – 65 °C
Relative humidity		0-90 %RH w.o. condensation
Heating temperature		55°C
Warm-up time / stability time		< 1 h
Temperature sensor		Incorporated for the heating
Typical performance at stable ambient pressure		
Linearity		< ± 0.1% O ₂
Zero point drift		< ± 0.1% O ₂ a week
Repeatability		< ± 0,03 % O ₂
Temperature effects		
➤ zero point		< ± 0.05% O ₂ /°C
➤ sensitivity		< ± 0.2% of measured value/°C

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2.2. OXYPA Models



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