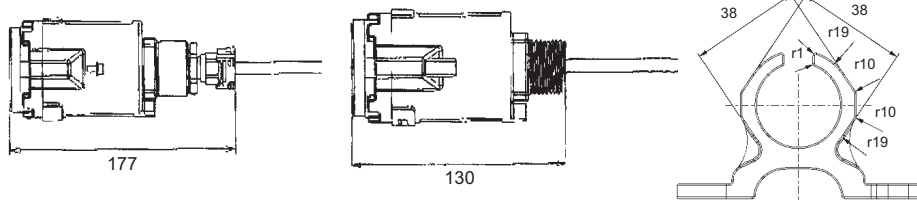


# Series 20

## SPECIFICATIONS

Detectors	OLCT 20		OLCT 20D		OLC 20	OLC 20D
Type	XP transmitter	IS transmitter	XP remote transmitter	IS remote transmitter	XP detector	XP remote detector
Gas detection principle	Catalytic/ Electrochemical	Electrochemical	Catalytic/ Electrochemical	Catalytic	Catalytic	Catalytic
Detected gases	Flammable, toxics and oxygen	Toxics and oxygen	Flammable, toxics and oxygen	Toxics and oxygen	Flammable	Flammable
Measuring range	See chart inside					
Sensor housing	Stainless steel type 316 L		Stainless steel type 316 L		Stainless steel type 316 L	
Precalibrated sensor	yes	yes	yes	yes	no	no
Power supply at the detector	15 to 30 VDC (catalytic) 15 to 30 VDC (chemical)	10 to 26 VDC	15 to 30 VDC (catalytic) 15 to 30 VDC (chemical)	10 to 26 VDC on the detector	Depending on the detector	Depending
Maximum power consumption	100 mA (catalytic) 25 mA (chemical)	25 mA	100 mA (catalytic) 25 mA (chemical)	25 mA	Depending on the detector	Depending on the detector
Output signal	4-20 mA	4-20 mA	4-20 mA	4-20 mA	Wheatstone bridge	Wheatstone bridge
Load impedance	250 Ω (catalytic) Depending on power supply (chemical)	47 Ω max	250 Ω (catalytic) Depending on power supply (chemical)	47 Ω max	Not applicable	Not applicable
Wiring	3 reinforced wires (catalytic) 2 reinforced wires (chemical)	2 reinforced wires	3 reinforced wires (catalytic) 2 reinforced wires (chemical)	2 reinforced wires	3 reinforced wires	3 reinforced wires
Loop impedance with ISC monitor	32 Ω (catalytic) (1 km with 1,5 mm <sup>2</sup> ) 128 Ω (chemical) (4 km with 1,5 mm <sup>2</sup> )	32 Ω (1 km with 1,5 mm <sup>2</sup> )	32 Ω (catalytic) (1 km with 1,5 mm <sup>2</sup> ) 128 Ω (chemical) (4 km with 1,5 mm <sup>2</sup> )	32 Ω (1 km with 1,5 mm <sup>2</sup> )	32 Ω (catalytic) (1 km with 1,5 mm <sup>2</sup> )	32 Ω (catalytic) (1 km with 1,5 mm <sup>2</sup> )
Wiring connection	Delivered with a 6mm-diameter cable					
Fastening	M25 thread to screw or 3/4" NPT	M25 thread to screw or 3/4" NPT	With a stirrup	With a stirrup	M25 thread to screw or 3/4" NPT	With a stirrup
Ingress protection	IP 66	IP 66	IP 66	IP 66	IP 66	IP 66
Certification	⊕ EEx d IIC T6 II 2 GD INERIS 01 ATEX 0004X	⊕ EEx ia IIC T4 II 1 GD INERIS 01 ATEX 0004X	⊕ EEx d IIC T6 II 2 GD INERIS 01 ATEX 0004X	⊕ EEx ia IIC T4 II 1 GD INERIS 01 ATEX 0004X	⊕ EEx d IIC T6 II 2 GD INERIS 01 ATEX 0004X	⊕ EEx d IIC T6 II 2 GD INERIS 01 ATEX 0004X
CEM mark	EN 50270	EN 50270	EN 50270	EN 50270	EN 50270	EN 50270
Weight	800 gr		800 gr		800 gr	800 gr
Dimensions	L 130 x D 60	L 130 x D 60	L 177 x D 60	L 177 x D 60	L 130 x D 60	L 177 x D 60
Operating temperature (for electronic)	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +70°C -25°C to +200°C in HT version	-25°C to +70°C -25°C to +200°C in HT version



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