Dräger Pac 6000/6500 and Dräger Pac 8000/8500

D-4977-2017

D-4987-2017

D-4989-2017

D-4996-2017

Reliable and precise even in harsh conditions. Quick sensor response times and a powerful battery ensure additional safety. With the broad measurement spectrum the Pac family can be used in a variety of applications including in applications with special gases such as ozone and phosgene. The instrument can be equipped with a hydrogen-compensated CO sensor or with a Dräger dual sensor. This enables the detection of two gases in one measurement, either H_2S with CO or O_2 with CO.

OTHER BENEFITS

- Compliance-Signal (D-Light) for more safety
- Extended application range due to a wide temperature range and additional sensors
- Cost-efficient because of durable sensors and powerful battery
- Clear reading due to white backlight
- Optimal monitoring of oxygen concentrations (saturation or deficiency) with respective pre and main alarms
- Ready for use again quickly, due to easy changeable dust filter in case of pollution


D-16219-2016


D-17169-2016


D-2581-2018

ESPECIALLY SUITED FOR THE FOLLOWING APPLICATIONS

Personal monitoring	Clear sensor identification by colored instrument marking
	Alarm display is configurable as “not acknowledgeable”
	More applications because of extended sensor portfolio including dual XXS sensors
	Increased resilience to environmental influences, for example usage up to -40°C
	Third alarm threshold for CO monitoring
	Same accessories as for Pac 3500-7000 family

The Pac 6x00/8x00 is protected against water, dust and other foreign bodies by a special membrane filter. When the filter becomes heavily soiled in use, you quickly and easily can replace it yourself. The device is then ready to use again right away. Thanks to the powerful battery, Pac instruments with H_2S or CO sensors can be used for two years at a 24/7 usage and one alarm minute per day without having to change the battery.

TECHNICAL SPECIFICATIONS

Dimensions (B x H x T) (mm)	64 x 84 x 20 without clip
Weight (g)	approx. 106 (113 with clip)
Typ. battery life:	24 months at 24 h usage/day, 1 min alarm/day
(under standard conditions):	O_2 sensor: 10 months
	Dual sensors (w/o O_2): 22 months
Ambient conditions:	
Temperature	-30 to +55 / -22 to 131 °F
(Temperature depending on sensor)	-40 °C / -40°F short-term up to 1h
Pressure (hPa)	700 to 1300
Humidity (% r. h. non-condensing)	10 to 90
Ingress protection	IP 68
Alarms:	
Visual	360°
Acoustic (dB)	Multi-tone > 90 in 30 cm (1ft.)
Vibration	yes
Power supply	Replaceable lithium thionyl chloride battery

FEATURES COMPARISON

	Dräger Pac 6000	Dräger Pac 6500	Dräger Pac 8000	Dräger Pac 8500
Compatible sensors				
XXS EC Sensors	CO LC, O_2, H_2S LC, SO_2	CO LC, O_2, H_2S LC, SO_2	NO, CO_2, Cl_2, HCN, NH_3, PH_3, OV, OV-A, NO_2 LC, Ozone, Phosgene	CO H_2-CP, CO LC/H_2S LC, CO LC/O_2
Operation time	2 Years	Unlimited	Unlimited	Unlimited
Event logger/Data logger:	Storage of peak or average values and events with date and time	Storage of peak or average values and events with date and time TWA, STEL	Storage of peak or average values and events with date and time TWA, STEL	Storage of peak or average values and events with date and time TWA, STEL
Battery life (under standard conditions) 24 h usage/day, 1 min alarm/day	24 months O_2 sensor: 10 months	24 months O_2 sensor: 10 months	24 months	24 months O_2 sensor: 10 months
Approvals:				
ATEX	I M1 Ex ia I Ma II 1G Ex ia IIC T4 Ga	I M1 Ex ia I Ma II 1G Ex ia IIC T4 Ga	I M1 Ex ia I Ma II 1G Ex ia IIC T4 Ga	I M1 Ex ia I Ma II 1G Ex ia IIC T4 Ga
$_cCSA_{us}$	Class I, Zone 0, A/Ex ia IIC T4 Ga Class II, Division 1, Groups E, F, G	Class I, Zone 0, A/Ex ia IIC T4 Ga Class II, Division 1, Groups E, F, G	Class I, Zone 0, A/Ex ia IIC T4 Ga Class II, Division 1, Groups E, F, G	Class I, Zone 0, A/Ex ia IIC T4 Ga Class II, Division 1, Groups E, F, G
IECEx	Ex ia I Ma Ex ia IIC T4 Ga	Ex ia I Ma Ex ia IIC T4 Ga	Ex ia I Ma Ex ia IIC T4 Ga	Ex ia I Ma Ex ia IIC T4 Ga
EAC – Ex-approval	PO Ex ia I Ma X 0Ex ia IIC T4 Ga X	PO Ex ia I Ma X 0Ex ia IIC T4 Ga X	PO Ex ia I Ma X 0Ex ia IIC T4 Ga X	PO Ex ia I Ma X 0Ex ia IIC T4 Ga X
RUS – Pattern Approval Certificate of measuring instruments	XXS EC Sensors: O_2, H_2S LC, CO LC, SO_2	XXS EC Sensors: O_2, H_2S LC, CO LC, SO_2	XXS EC Sensors: O_3, Cl_2, CO_2, HCN, PH3, NH_3, $COCl_2$, NO, NO_2 LC, OV, OV-A	XXS EC Sensors: CO LC/O_2, H_2S LC/CO LC, CO H_2-CP
MED – Marine Equipment Directive		2014/90/EU (Pac 6500 O_2)		
CE mark	Electromagnetic compatibility (Direction 2014/30/EU)	Electromagnetic compatibility (Direction 2014/30/EU)	Electromagnetic compatibility (Direction 2014/30/EU)	Electromagnetic compatibility (Direction 2014/30/EU)