Product Information

www.vdo.com

Viewline Pressure gauges

Description

Gauge to indicate Engine oil-, Hydraulic oil-, Brake-, Air pressure.



Picture: Engine oil pressure gauge

Features

- _ Integrated Warning LED.
- _ Changeable Frontbezels.
- _ LED Illumination
- _ Flush mount possibility
- High reliability

Concept

Housing PC; flame retarding (UL94)

Bezel PC or ABS; several colors and shapes (see table)

Lens PMMA; double lens

Dial backlit; different colors (see table)

Pointer backlit, white on black dials; red on white dials

Illumination Dial: LED amber (605nm)
Pointer: LED red (632nm)

Warning LED red (632nm)

Mounting spinlock Nut; locking height 0,5mm – 20mm,

optional Studs and Bracket; locking height 2 - 15mm

Connection 8 pin MQS connector system



Technical Data

Installation depth 50mm

Installation diameter 52mm

Deflection angle 90°

Operating Voltage 10 – 16 Volt

Accuracy < 3,6 angular degrees

Current consumption < 140 mA, including Warning LED

Operating temperature -30°C to +80°C; plated bezels (chrome) -30°C to +70°C

Storage temperature -40°C to +80°C for 48h; plated bezels (chrome) -40°C to +70°C

+90°C for 1h

Temperature shock Range -40°C to +85°C; plated bezels (chrome) -40°C to +70°C

Transformation time 10 seconds

Retention time 2h

Climatic test Range +25°C to +55°C

Rel. Humidity 95%

EMC in conformity with DIN_EN 61000-6-3

DIN_EN 61000-6-1 DIN_EN 61000-6-4 DIN_EN 61000-6-2

Standards EN 60945

GL, Category C, F (under preparation)

Vibration Sinus 2g; 10-500Hz; duration 16h

Noise 3g; 10-1000Hz, duration 8h

Mechanical shock continuous 25g; 6ms; 1Hz

Single shock 100g; 11ms Free fall 1m; 3 times

Chemical resistance against - preservative agent

- preservative agent remover

cold cleanermethylated spiritinterior cleaner

- drinks containing caffeine and tannin

Nominal position NL 0 to NL 85 (DIN16257)

Protection class according to IEC 60529

Front: IP67 (in Nominal position) Rear: IP52 (in Nominal position)

Reverse polarity protection yes, 5 minute

Over voltage protection yes, 24V for1 minute



available Gauges:

No. packed	No. unpacked	colour	Function	Double Scale	Measure ment range	ISO Symbol	Sensor type	Voltage	Double lens
A2C60100151	A2C53191377	black	Turbo Pressure	no	2 bar	- TAN	EU	12V	no
A2C60100152	A2C53191378	black	Oel Pressure	no	5 bar		EU	12V	no
						متے،			
A2C60100153	A2C53191379	black	Oel Pressure	no	10 bar		EU	12V	no
A2C60100151	A2C52404200	blook	Droko	200	10 hor	95%	FIL	40\/	
A2C60100154	A2C53191380	black	Brake Pressure	no	10 bar	(•••)	EU	12V	no
A2C60100155	A2C53191381	black	Gear Pressure	no	25 bar	ι	EU	12V	no
						+(•)+			
A2C60100156	A2C53191382	black	Turbo Pressure	no	30 psi	- TAPL	EU	12V	no
A2C60100157	A2C53191383	black	Oil Pressure	no	80 psi	(AEL	EU	12V	no
						المحتاد			
A2C60100158	A2C53191384	black	Oil Pressure	no	80 psi		US	12V	no
A2000400450	A2052404205	blook	Oil		100 ==:	متے،	LIC	40)/	
A2C60100159	A2C53191385	black	Pressure	no	100 psi		US 	12V	no
						Oil			
A2C60100160	A2C53191386	black	Pressure	no	100 psi		EU	12V	no
A2C60100161	A2C53191387	black	Oil Pressure	no	150 psi		US	12V	no
			1 lessure			۹۳۶،			
A2C60100162	A2C53191388	black	Oil Pressure	no	150 psi		EU	12V	no
						الميتاه			
A2C60100163	A2C53191389	black	Pressure	no	400 psi	TRANS	EU	12V	no
A2C60100164	A2C53191390	black	Gear Pressure	no	400 psi		EU	12V	no
						+(4)+			

A2C60100165	A2C53191391	black	Oil Pressure	no	5 kPa x100		EU	12V	no
						9			
A2C60100166	A2C53191392	black	Oil Pressure	no	10 kPa x100	71 -	EU	12V	no
A2C60100167	A2C53191393	black	Gear Pressure	no	25 kPa x100	۹۳۶۰	EU	12V	no
						+(•)+			
A2C60100168	A2C53191394	black	Turbo Pressure	yes	2 bar	7782	EU	12V	no
A2C60100169	A2C53191395	black	Oil Pressure	yes	5 bar		EU	12V	no
						93			
A2C60100170	A2C53191397	black	Oil Pressure	yes	10 bar		EU	12V	no
A2C60100171	A2C53191400	black	Gear	yes	25 bar	الميتاء	EU	12V	no
A2000100171	A2033131400	DIACK	Pressure	yes	23 641	+€ }+		12 V	
A2C60100172	A2C53191401	black	Gear Pressure	yes	30 bar	- China	EU	12V	no
						+(1)+		101	
A2C60100173	A2C53191402	black	Oil Pressure	yes	80 psi		US	12V	no
A2C60100174	A2C53191403	black	Oil	yes	80 psi	95%	EU	12V	no
			Pressure			وتيح.			
A2C60100175	A2C53191404	black	Oil Pressure	yes	100 psi		US	12V	no
						45%			
A2C60100351	A2C53191406	black	Oil Pressure	yes	150 psi		US	12V	no
A2C60100352	A2C53191407	black	Oil	yes	150 psi	92%	EU	12V	no
A2000100332	A2000131407	Diack	Pressure	yes	100 psi			12 V	
A2C60100353	A2C53191408	black	Gear Pressure	yes	400 psi	۹۳۶۰	EU	12V	no
						+()+			
A2C60100354	A2C53191410	white	Turbo Pressure	no	2 bar	_	EU	12V	no
						A			

A2C60100355	A2C53191411	white	Oil	no	5 bar		EU	12V	no
7.2001.0000	7.2000.0		Pressure						
						الميكاء			
A2C60100356	A2C53191413	white	Oil Pressure	no	10 bar		EU	12V	no
			Flessule						
A2C60100357	A2C53191415	white	Brake	200	10 bar	927	EU	12V	
A2C00100357	A2C55191415	write	Pressure	no	10 bai		[[120	no
						((••)			
A2C60100358	A2C53191416	white	Gear	no	25 bar		EU	12V	no
			Pressure						
10000100050	10050404447		0.11		20:	→⊕	F	40)/	
A2C60100359	A2C53191417	white	Oil Pressure	no	30 psi	OIL	EU	12V	no
A2C60100360	A2C53191418	white	Turbo	no	80 psi		EU	12V	no
			Pressure			_			
						To the same of the			
A2C60100361	A2C53191419	white	Oil Pressure	no	80 psi	 .	EU	12V	no
						الميكة			
A2C60100362	A2C53191420	white	Oil	no	100 psi	OIL	EU	12V	no
			Pressure						
A2C60100363	A2C53191422	white	Pressure	no	150 psi		EU	12V	no
A2C60100364	A2C53191423	white	Gear	no	350 psi		EU	12V	no
			Pressure						
						+(4)+			
A2C60100365	A2C53191425	white	Turbo Pressure	yes	2 bar		EU	12V	no
			riessuie			18			
A2C60100366	A2C53191426	white	Oil	yes	5 bar		EU	12V	no
712000100000	712000101120	Willo	Pressure	700	o bai			121	
						الميكاء			
A2C60100367	A2C53191427	white	Oil	yes	10 bar		EU	12V	no
			Pressure						
A2C60100368	A2C53191428	white	Oil	VOC	25 bar	92%	EU	12V	no
A2000100300	A2000181420	wille	Pressure	yes	20 Dai			120	no
						المناه			
A2C60100369	A2C53191430	white	Oil	yes	30 bar		EU	12V	no
			Pressure						
						الميا			

A2C60100370	A2C53191431	white	Oil Pressure	yes	80 psi		US	12V	no
			Flessule			۹۳۶،			
A2C60100371	A2C53191432	white	Oil Pressure	yes	80 psi		EU	12V	no
10000100070	10050101100	1.74			100 :	متے،	110	10)/	
A2C60100372	A2C53191433	white	Oil Pressure	yes	100 psi		US	12V	no
A2C60100373	A2C53191434	white	Oil	Vec	150 psi	متے۔	US	12V	no
A2C00100373	A203191434	write	Pressure	yes	130 psi		03	120	110
A2C60100374	A2C53191436	white	Oil Pressure	yes	150 psi	الميك	EU	12V	no
						۹۳۰۰			
A2C60100375	A2C53191437	white	Gear Pressure	yes	350 psi		EU	12V	no
						+(•):+			
A2C60100551	A2C53191438	white	Gear Pressure	yes	400 psi		EU	12V	no
						+().+			
A2C60100552	A2C53191440	black	Oil Pressure	yes	150 psi	Engine Oil	EU	12V	no
A2C60100553	A2C53191441	black	Oil Pressure	yes	80 psi	Engine Oil	EU	12V	no
A2C60100554	A2C53191443	black	Oil Pressure	yes	80 psi	Engine Oil	US	12V	no
A2C60100555	A2C53191444	black	Oil Pressure	yes	100 psi	Engine Oil	EU	12V	no
A2C60100556	A2C53191445	black	Air Pressure	yes	150 psi	Air	EU	12V	no
A2C60100557	A2C53191446	black	Brake	yes	150 psi		EU	12V	no
A2C00100337	A2C33191440	DIACK	Pressure	yes	130 psi	(···)		120	110
A2C60100558	A2C53191447	black	Gear Pressure	yes	350 psi	, , , ,	EU	12V	no
						+().			
A2C60100559	A2C53191728	black	Turbo Pressure	yes	2 bar		EU	12V	yes

A2C60100560	A2C53191729	black	Oil Pressure	yes	5 bar		EU	12V	yes
			Flessule			م ت ے،			
A2C60100561	A2C53191730	black	Oil Pressure	yes	10 bar		EU	12V	yes
A2C60100562	A2C53191731	black	Gear	yes	25 bar	المحية	EU	12V	yes
			Pressure			+ (<u>)</u>)+			
A2C60100562	A2C53191732	black	Gear Pressure	yes	30 bar		EU	12V	yes
						+(•)+			
A2C60100564	A2C53191733	black	Oil Pressure	yes	80 psi		EU	12V	yes
10000100505	10050404704	blast.	Oil		400	۹۲۰	110	40)/	
A2C60100565	A2C53191734	black	Oil Pressure	yes	100 psi		US	12V	yes
						الميا			
A2C60100566	A2C53191735	black	Oil Pressure	yes	150 psi		US	12V	yes
A2C60100567	A2C53191736	black	Pressure	1400	150 psi	9	EU	12V	\/O0
A2C00100307	A2C33191730	DIACK	Flessule	yes	150 psi		E0	120	yes
A2C60100568	A2C53191737	black	Gear	yes	400 psi	۹۲۰	EU	12V	yes
			Pressure			* €}*			
A2C60100569	A2C53191738	white	Turbo Pressure	no	2 bar	7,0,14	EU	12V	yes
A2C60100570	A2C53191739	white	Turbo Pressure	yes	2 bar	- Tage	EU	12V	yes
A2C60100571	A2C53191740	white	Oil Pressure	yes	5 bar		EU	12V	yes
						المناه			
A2C60100572	A2C53191741	white	Oil Pressure	yes	10 bar		EU	12V	yes
10000100570	10050404740	1.74	0.1		05.1	المتاه		40)/	
A2C60100573	A2C53191742	white	Oil Pressure	yes	25 bar		EU	12V	yes
A2C60100574	A2C53191743	white	Oil	yes	30 bar	95%	EU	12V	yes
7.2000 100074	A2000131143	WILLE	Pressure	yes	JO Dai			12 V	yes
						المتياه			

Technische Änderungen vorbehalten

A2C60100575	A2C53191744	white	Oil Pressure	yes	80 psi		US	12V	yes
						المتاه			
A2C60100751	A2C53191745	white	Oil Pressure	yes	80 psi		EU	12V	yes
						۹ ۲ ۰/۰			
A2C60100752	A2C53191746	white	Oil Pressure	yes	100 psi		US	12V	yes
						متح.			
A2C60100753	A2C53191747	white	Oil Pressure	yes	150 psi		US	12V	yes
						الميتاه			
A2C60100754	A2C53191748	white	Oil Pressure	yes	150 psi		EU	12V	yes
						المتاه			
A2C60100755	A2C53191749	white	Gear Pressure	yes	350 psi		EU	12V	yes
						+ (<u>()</u>)+			
A2C60100756	A2C53191750	white	Gear Pressure	yes	400 psi	-	EU	12V	yes
						+ (<u>)</u>)+			

Accessories:

VL Dropping resistor 24V without connector
VL Makepoint switch 12V
VL Mounting Kit (studs and brackets) 52, 85, 110mm
VL Mounting bracket flush mount
VL Sealing Ring 52mm flush mount
Bush housing, 8-pin
Protective connector cap, 8-pin
Hand pliers
Tool for hand pliers.
Single contacts 0.14 – 0.22 mm² tin plated
Single contacts 0.5 – 0.75 mm² tin plated
Strip 0.14 – 0.22 mm² tin plated
Strip 0.25 – 0.5 mm² tin plated
Strip 0.5 – 0.75 mm² tin plated

Bezels 52mm

	black	black nickel	brush aluminium	chrome	gold	white
flat	A2C53186040	A2C53293468	A2C53293480	A2C53186023	A2C53293482	A2C53186022
round	A2C53186027	A2C53293494	A2C53293495	A2C53186029	A2C53293496	A2C53186028
triangle	A2C53186024	A2C53293545	A2C53293546	A2C53186026	A2C53293548	A2C53186025