

This image contains a technical drawing of a WABCO pressure switch, model 441 014 601 0. The drawing includes a side view (top left), a front view (bottom left), and a detail of the O-ring (middle right). The side view shows the switch body with a hexagonal base and a threaded top. The front view shows the hexagonal base with four mounting holes. The detail shows the O-ring seal. The drawing is labeled with dimensions and part numbers. The technical data table provides specifications for the switch, including set pressure, hysteresis, maximum switch frequency, working pressure, overpressure, bursting pressure, medium, operating temperature, rated voltage, electrical load, endurance test, degree of protection, and remarks. The drawing is also accompanied by a table of dimensions and a table of material specifications.

TECHNICAL DATA
TECHNISCHE DATEN

SET PRESSURE EINSTELLD RUCK	SEE TABLE SIEHE TABELLE
HYSTERESIS HYSTERESE	SEE TABLE SIEHE TABELLE
MAXIMUM SWITCH FREQUENCY MAXIMALE SCHALTFREQUENZ	30 OPEARATIONS PER MINUTE 30 ARBEITSAUF PRO MINUTE
WORKING PRESSURE BETRIEBSDRUCK	≤ 12 bar
OVERPRESSURE UEBERDRUCK	16 bar FOR 1 MINUTE 16 bar FUER MINUTEN
BURSTING PRESSURE BERSTDRUCK	>30 bar
MEDIUM DRUCKMEDIUM	ATMOSPHERIC COMPRESSED AIR ATMOSPHERISCHE DRUCKLUFT
OPERATING TEMPERATURE BETRIEBSTEMPERATUR	-40°C TO +80°C -40°C BIS +80°C
RATED VOLTAGE NENNSPANNUNG	12/24 V DC
ELECTRICAL LOAD NENNSTROM	≥ 5 mA
ENDURANCE TEST LEBENSDAUER	1 000 000 CYCLES 1 000 000 ZYKLEN
DEGREE OF PROTECTION ACC. TO ISO 20653 WITH CABLE CONNECTOR SCHUTZART NACH. ISO 20653 MIT GEGENSTECKER	IP5K4K, IP6K7, IP6K9K

REMARKS
ANMERKUNGEN

1	WABCO LOGO WABCO-LOGO	
2	WABCO - PART NO. WABCO - TEILE NR.	
3	PRODUCTION DATE FERTIGUNGSDATUM	
4	PRI - NUMBER PRI - KENNZAHL	JED-225
5	SWITCH PRESSURE SCHALT DRUCK	
6	SEALING EYE PLOMBIEROESEN	
7	CONNECTOR STECKVERBINDER	ISO 15170 A1-2.1-Sn/K1
8	3 x AT 120° MARK PRESSED LIKE "V" 3 x 120° MERKIERUNG GEPRESST WIE "V"	FOR PROTECTION AGAINST ROTATION VERDREHSCHULTZ
9	AIR VENT ENTLUEFTUNGSBOHRUNG	
10	ADJUSTMENT SCREW FIXED WITH LOCKING VARNISH EINSTELLSCHRAUBE MIT LACK GESICHERT	RED COLOUR ROT FARBE

WABCO
PRESSURE SWITCH
DRUCKSCHALTER

441 014 601 0

053 EN 1/1

5090.EM 884 015 556 0

100mm

tw 440146010 053 / Version: -3 / status Under Review / md5: 6410146010 A09