Data sheet

6ES7314-6CH04-0AB0



SIMATIC S7-300, CPU 314C-2 DP Compact CPU with MPI, 24 DI/16 DO, 4 AI, 2 AO, 1 Pt100, 4 high-speed counters (60 kHz), integrated DP interface, Integr. power supply 24 V DC, work memory 192 KB, Front connector (2x 40-pole) and Micro Memory Card required

General information	
Product type designation	CPU 314C-2 DP
HW functional status	01
Firmware version	V3.3
Engineering with	
 Programming package 	STEP 7 V5.5 + SP1 or higher or STEP 7 V5.3 + SP2 or higher with HSP 203
Supply voltage	
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
external protection for power supply lines (recommendation)	Miniature circuit breaker, type C; min. 2 A; miniature circuit breaker type B, min. 4 A
Mains buffering	
Mains/voltage failure stored energy time	5 ms
Repeat rate, min.	1 s
Load voltage L+	
Digital inputs	
— load voltage / at digital input / at DC / rated value	24 V
 Reverse polarity protection 	Yes
Digital outputs	
— Rated value (DC)	24 V
 Reverse polarity protection 	No
Input current	
Current consumption (rated value)	880 mA
Current consumption (in no-load operation), typ.	150 mA
Inrush current, typ.	5 A
l²t	0.7 A²·s
Digital inputs	
 from load voltage L+ (without load), max. 	80 mA
Digital outputs	
• from load voltage L+, max.	50 mA
Power loss	
Power loss, typ.	13 W
Memory	
Work memory	
• integrated	192 kbyte
• expandable	No
Load memory	
• Plug-in (MMC)	Yes
Plug-in (MMC), max.	8 Mbyte

 Data management on MMC (after last programming), min. 	10 a	
Backup		
• present	Yes; Guaranteed by MMC (maintenance-free)	
without battery	Yes; Program and data	
CPU processing times		
for bit operations, typ.	0.06 µs	
for word operations, typ.	0.12 µs	
for fixed point arithmetic, typ.	0.16 µs	
for floating point arithmetic, typ.	0.59 µs	
CPU-blocks		
Number of blocks (total)	1 024; (DBs, FCs, FBs); the maximum number of loadable blocks can be reduced by the MMC used.	
DB		
Number, max.	1 024; Number range: 1 to 16000	
• Size, max.	64 kbyte	
FB		
 Number, max. 	1 024; Number range: 0 to 7999	
• Size, max.	64 kbyte	
FC		
• Number, max.	1 024; Number range: 0 to 7999	
• Size, max.	64 kbyte	
OB		
• Number, max.	see instruction list	
• Size, max.	64 kbyte	
 Number of free cycle OBs 	1; OB 1	
 Number of time alarm OBs 	1; OB 10	
 Number of delay alarm OBs 	2; OB 20, 21	
 Number of cyclic interrupt OBs 	4; OB 32, 33, 34, 35	
 Number of process alarm OBs 	1; OB 40	
 Number of DPV1 alarm OBs 	3; OB 55, 56, 57	
 Number of startup OBs 	1; OB 100	
 Number of asynchronous error OBs 	5; OB 80, 82, 85, 86, 87	
 Number of synchronous error OBs 	2; OB 121, 122	
Nesting depth		
 per priority class 	16	
 additional within an error OB 	4	
Counters, timers and their retentivity		
S7 counter		
Number	256	
Retentivity		
— adjustable	Yes	
— preset	Z 0 to Z 7	
Counting range		
— lower limit	0	
— upper limit	999	
IEC counter		
• present	Yes	
• Type	SFB	
Number	Unlimited (limited only by RAM capacity)	
S7 times		
Number	256	
Retentivity		
— adjustable	Yes	
— preset	No retentivity	
Time range		
— lower limit	10 ms	
— upper limit	9 990 s	
IEC timer		
• present	Yes	
● Type	SFB	

Number	Unlimited (limited only by RAM capacity)
Data areas and their retentivity	
Retentive data area (incl. timers, counters, flags), max.	64 kbyte
Flag	
• Size, max.	256 byte
Retentivity available	Yes; MB 0 to MB 255
Retentivity preset	MB 0 to MB 15
Number of clock memories	8; 1 memory byte
Data blocks	o, i memory byte
Retentivity adjustable	Yes; via non-retain property on DB
Retentivity adjustable Retentivity preset	Yes
Local data	
• per priority class, max.	32 kbyte; Max. 2048 bytes per block
Address area	32 Rayle, Max. 2040 Bytes per block
I/O address area	
	2.049 buto
• Inputs	2 048 byte
Outputs Administrated	2 048 byte
of which distributed	2.002 byta
— Inputs	2 003 byte
— Outputs	2 010 byte
Process image	0.040 h. 4-
• Inputs	2 048 byte
• Outputs	2 048 byte
 Inputs, adjustable 	2 048 byte
Outputs, adjustable	2 048 byte
 Inputs, default 	128 byte
Outputs, default	128 byte
Default addresses of the integrated channels	
— Digital inputs	124.0 to 126.7
— Digital outputs	124.0 to 125.7
— Analog inputs	752 to 761
— Analog outputs	752 to 755
Digital channels	
• Inputs	16 048
— of which central	1 016
Outputs	16 096
— of which central	1 008
Analog channels	
• Inputs	1 006
— of which central	253
Outputs	1 007
— of which central	250
Hardware configuration	
Number of expansion units, max.	3
Number of DP masters	
• integrated	1
• via CP	4
Number of operable FMs and CPs (recommended)	
• FM	8
• CP, PtP	8
• CP, LAN	10
Rack	
Racks, max.	4
Modules per rack, max.	8; In rack 3 max. 7
Time of day	
Clock	
Hardware clock (real-time)	Yes
retentive and synchronizable	Yes
Backup time	6 wk; At 40 °C ambient temperature
Deviation per day, max.	10 s; Typ.: 2 s
Deviation per day, max.	10 0, 13μ 2 0

Behavior of the clock following POWER-ON	Clock continues running after POWER OFF
Behavior of the clock following expiry of backup period	the clock continues at the time of day it had when power was switched off
Operating hours counter	
Number	1
 Number/Number range 	0
Range of values	0 to 2^31 hours (when using SFC 101)
 Granularity 	1 h
• retentive	Yes; Must be restarted at each restart
Clock synchronization	
• supported	Yes
• to MPI, master	Yes
• on MPI, device	Yes
• to DP, master	Yes; With DP slave only slave clock
• on DP, device	Yes
• in AS, master	Yes
• in AS, device	No
Digital inputs	
Number of digital inputs	24
of which inputs usable for technological functions	16
integrated channels (DI)	24
Input characteristic curve in accordance with IEC 61131, type 1	Yes
Number of simultaneously controllable inputs	
horizontal installation	
— up to 40 °C, max.	24
— up to 60 °C, max.	12
vertical installation	
— up to 40 °C, max.	12
Input voltage	
• Rated value (DC)	24 V
• for signal "0"	-3 to +5V
• for signal "1"	+15 to +30 V
Input current	
• for signal "1", typ.	8 mA
Input delay (for rated value of input voltage)	
for standard inputs	
— parameterizable	Yes; 0.1 / 0.3 / 3 / 15 ms (You can reconfigure the input delay of the standard inputs during program runtime. Please note that under certain circumstances
	your newly set filter time may not be effective until the next filter cycle.)
— Rated value	3 ms
for technological functions	
— at "0" to "1", max.	8 µs; Minimum pulse width/minimum pause between pulses at maximum
	counting frequency
Cable length	
• shielded, max.	1 000 m; 50 m for technological functions
• unshielded, max.	600 m; for technological functions: No
for technological functions	
— shielded, max.	50 m; at maximum count frequency
— unshielded, max.	not allowed
Digital outputs	
Number of digital outputs	16
of which high-speed outputs	4; Notice: You cannot connect the fast outputs of your CPU in parallel
integrated channels (DO)	16
Short-circuit protection	Yes; Clocked electronically
Response threshold, typ.	1 A
Limitation of inductive shutdown voltage to	L+ (-48 V)
Controlling a digital input	Yes
Switching capacity of the outputs	
on lamp load, max.	5 W
Load resistance range	
lower limit	48 Ω
upper limit	$4 \text{ k}\Omega$

Output voltage		
• for signal "1", min.	L+ (-0.8 V)	
Output current	- (,	
for signal "1" rated value	500 mA	
 for signal "1" permissible range, min. 	5 mA	
• for signal "1" permissible range, max.	0.6 A	
• for signal "1" minimum load current	5 mA	
• for signal "0" residual current, max.	0.5 mA	
Parallel switching of two outputs		
• for uprating	No	
for redundant control of a load	Yes	
Switching frequency		
with resistive load, max.	100 Hz	
with inductive load, max.	0.5 Hz	
• on lamp load, max.	100 Hz	
• of the pulse outputs, with resistive load, max.	2.5 kHz	
Total current of the outputs (per group)		
horizontal installation		
— up to 40 °C, max.	3 A	
— up to 60 °C, max.	2 A	
vertical installation		
— up to 40 °C, max.	2 A	
Cable length		
• shielded, max.	1 000 m	
• unshielded, max.	600 m	
Analog inputs		
Number of analog inputs	5	
For voltage/current measurement	4	
• For resistance/resistance thermometer measurement	1	
integrated channels (AI)	5; 4x current/voltage, 1x resistance	
permissible input voltage for current input (destruction limit), max.	5 V; Permanent	
permissible input voltage for voltage input (destruction limit), max.	30 V; Permanent	
permissible input current for voltage input (destruction limit), max.	0.5 mA; Permanent	
permissible input current for current input (destruction limit), max.	50 mA; Permanent	
Electrical input frequency, max.	400 Hz	
No-load voltage for resistance-type transmitter, typ.	3.3 V	
Constant measurement current for resistance-type transmitter, typ.	1.25 mA	
Technical unit for temperature measurement adjustable	Yes; Degrees Celsius / degrees Fahrenheit / Kelvin	
Input ranges	V - 40 V / 400 LO 0 V / 40 V / 40 V / 40 V	
• Voltage	Yes; ±10 V / 100 kΩ; 0 V to 10 V / 100 kΩ	
• Current	Yes; ± 20 mA / 100 Ω ; 0 mA to 20 mA / 100 Ω ; 4 mA to 20 mA / 100 Ω	
Resistance thermometer	Yes; Pt 100 / 10 MΩ	
Resistance Resistance Resistance	Yes; 0 Ω to 600 Ω / 10 M Ω	
Input ranges (rated values), voltages	Von	
• 0 to +10 V	Yes	
— Input resistance (0 to 10 V)	100 kΩ	
Input ranges (rated values), currents • 0 to 20 mA	Yes	
U to 20 mA Input resistance (0 to 20 mA)	100 Ω	
Input resistance (0 to 20 mA) 20 mA to +20 mA	Yes	
 -20 mA to +20 mA Input resistance (-20 mA to +20 mA) 	100 Ω	
— input resistance (-20 mA to +20 mA) • 4 mA to 20 mA	Yes	
	res 100 Ω	
— Input resistance (4 mA to 20 mA)	100 12	
Input ranges (rated values), resistance thermometer	Voc	
Pt 100 Input resistance /Pt 100)	Yes 10 MΩ	
— Input resistance (Pt 100)	I O IVISZ	
Input ranges (rated values), resistors		

0.1.000	V
• 0 to 600 ohms	Yes
— Input resistance (0 to 600 ohms)	10 ΜΩ
Thermocouple (TC)	
Temperature compensation	
— parameterizable	No
Characteristic linearization	
• parameterizable	Yes; by software
— for resistance thermometer	Pt 100
Cable length	
• shielded, max.	100 m
Analog outputs	
integrated channels (AO)	2
Voltage output, short-circuit protection	Yes
Voltage output, short-circuit current, max.	55 mA
Current output, no-load voltage, max.	14 V
Output ranges, voltage	
• 0 to 10 V	Yes
• -10 V to +10 V	Yes
Output ranges, current	
• 0 to 20 mA	Yes
• -20 mA to +20 mA	Yes
• 4 mA to 20 mA	Yes
Connection of actuators	
 for voltage output two-wire connection 	Yes; Without compensation of the line resistances
 for voltage output four-wire connection 	No
for current output two-wire connection	Yes
Load impedance (in rated range of output)	
with voltage outputs, min.	1 kΩ
 with voltage outputs, capacitive load, max. 	0.1 µF
with current outputs, max.	300 Ω
with current outputs, inductive load, max.	0.1 mH
Destruction limits against externally applied voltages and currents	
 Voltages at the outputs towards MANA 	16 V; Permanent
Current, max.	50 mA; Permanent
Cable length	
• shielded, max.	200 m
Analog value generation for the inputs	
Measurement principle	Actual value encryption (successive approximation)
Integration and conversion time/resolution per channel	
 Resolution with overrange (bit including sign), max. 	12 bit
 Integration time, parameterizable 	Yes; 16.6 / 20 ms
Interference voltage suppression for interference	50 / 60 Hz
frequency f1 in Hz	0.00
Time constant of the input filter	0.38 ms
 Basic execution time of the module (all channels released) 	1 ms
Analog value generation for the outputs	
Integration and conversion time/resolution per channel	
Resolution with overrange (bit including sign), max.	12 bit
Conversion time (per channel)	1 ms
Settling time	1 1110
for resistive load	0.6 ms
for capacitive load	1 ms
for inductive load	0.5 ms
	U.O IIIO
Encoder Connection of signal accordance	
Connection of signal encoders	Vac
for voltage measurement	Yes
for current measurement as 2-wire transducer	Yes; with external supply
for current measurement as 4-wire transducer	Yes
for resistance measurement with two-wire connection	Yes; Without compensation of the line resistances
for resistance measurement with three-wire connection	No

 for resistance measurement with four-wire connection 	No
Connectable encoders	
• 2-wire sensor	Yes
— permissible quiescent current (2-wire sensor), max.	1.5 mA
Errors/accuracies	
Temperature error (relative to input range), (+/-)	0.006 %/K
Crosstalk between the inputs, min.	60 dB
Repeat accuracy in steady state at 25 °C (relative to input range), (+/-)	0.06 %
Output ripple (relative to output range, bandwidth 0 to 50 kHz), (+/-)	0.1 %
Linearity error (relative to output range), (+/-)	0.15 %
Temperature error (relative to output range), (+/-)	0.01 %/K
Crosstalk between the outputs, min.	60 dB
Repeat accuracy in steady state at 25 °C (relative to output range), (+/-)	0.06 %
Operational error limit in overall temperature range	
 Voltage, relative to input range, (+/-) 	1 %
 Current, relative to input range, (+/-) 	1 %
 Resistance, relative to input range, (+/-) 	1 %
 Voltage, relative to output range, (+/-) 	1 %
• Current, relative to output range, (+/-)	1 %
Basic error limit (operational limit at 25 °C)	
 Voltage, relative to input range, (+/-) 	0.8 %; Linearity error ±0.06 %
 Current, relative to input range, (+/-) 	0.8 %; Linearity error ±0.06 %
 Resistance, relative to input range, (+/-) 	0.8 %; Linearity error ±0.2 %
 Resistance thermometer, relative to input range, (+/-) 	0.8 %
 Voltage, relative to output range, (+/-) 	0.8 %
• Current, relative to output range, (+/-)	0.8 %
Interference voltage suppression for f = n x (f1 +/- 1 %), f1 = interference	erence frequency
 Series mode interference (peak value of interference < rated value of input range), min. 	30 dB
Common mode interference, min.	40 dB
Interfaces	
Number of PROFINET interfaces	0
Number of RS 485 interfaces	2; MPI and PROFIBUS DP
Number of RS 422 interfaces	0
1. Interface	
Interface type	Integrated RS 485 interface
Isolated	No
Interface types	
• RS 485	Yes
Output current of the interface, max.	200 mA
Protocols	
• MPI	Yes
 PROFIBUS DP master 	No
PROFIBUS DP device	No
Point-to-point connection	No
MPI	
Transmission rate, max.	187.5 kbit/s
Services	
Services — PG/OP communication	Yes
	Yes Yes
— PG/OP communication	
— PG/OP communication — Routing	Yes
— PG/OP communication— Routing— Global data communication	Yes Yes
— PG/OP communication— Routing— Global data communication— S7 basic communication	Yes Yes Yes
— PG/OP communication— Routing— Global data communication— S7 basic communication— S7 communication	Yes Yes Yes; Only server, configured on one side
 — PG/OP communication — Routing — Global data communication — S7 basic communication — S7 communication — S7 communication, as client 	Yes Yes Yes Yes; Only server, configured on one side No; but via CP and loadable FB
 — PG/OP communication — Routing — Global data communication — S7 basic communication — S7 communication — S7 communication, as client — S7 communication, as server 	Yes Yes Yes Yes; Only server, configured on one side No; but via CP and loadable FB
— PG/OP communication — Routing — Global data communication — S7 basic communication — S7 communication — S7 communication — S7 communication, as client — S7 communication, as server 2. Interface	Yes Yes Yes Yes; Only server, configured on one side No; but via CP and loadable FB Yes

• RS 485	Yes
Output current of the interface, max.	200 mA
Protocols	200 1111
• MPI	No
PROFINET IO Controller	No
PROFINET IO Device	No
PROFINET CBA	No
PROFIBUS DP master	Yes
PROFIBUS DP device	Yes
Point-to-point connection	No
PROFIBUS DP master	110
Transmission rate, max.	12 Mbit/s
max. number of DP devices	124
Services	
— PG/OP communication	Yes
— Routing	Yes
Global data communication	No
— S7 basic communication	Yes; I blocks only
— S7 communication	Yes; Only server, configured on one side
— S7 communication — S7 communication, as client	No
S7 communication, as circuit S7 communication, as server	Yes
Equidistance	Yes
Equidistance Isochronous mode	No
— SYNC/FREEZE	Yes
activation/deactivation of DP devices	Yes
max. number of DP devices that can be	8
activated/deactivated at the same time	0
 Direct data exchange (slave-to-slave 	Yes; as subscriber
communication)	
— DPV1	Yes
Address area	
— Inputs, max.	2 kbyte
— Outputs, max.	2 kbyte
User data per DP device	
— Inputs, max.	244 byte
— Outputs, max.	244 byte
2nd interface / PROFIBUS DP device / header	
GSD file	The latest GSD file is available on the Internet (http://www.siemens.com/profibus-gsd)
Transmission rate, max.	12 Mbit/s
automatic baud rate search	Yes; only with passive interface
Address area, max.	32
User data per address area, max.	32 byte
Services	·
— PG/OP communication	Yes
— Routing	Yes; Only with active interface
Global data communication	No
— S7 basic communication	No
· ····	
— S7 communication	res, Only server, configured on one side
	Yes; Only server, configured on one side No
— S7 communication, as client	
— S7 communication, as client— S7 communication, as server	No Yes
— S7 communication, as client	No
— S7 communication, as client— S7 communication, as server— Direct data exchange (slave-to-slave	No Yes
 — S7 communication, as client — S7 communication, as server — Direct data exchange (slave-to-slave communication) 	No Yes Yes
 — S7 communication, as client — S7 communication, as server — Direct data exchange (slave-to-slave communication) — DPV1 	No Yes Yes
— S7 communication, as client — S7 communication, as server — Direct data exchange (slave-to-slave communication) — DPV1 Transfer memory	No Yes Yes
— S7 communication, as client — S7 communication, as server — Direct data exchange (slave-to-slave communication) — DPV1 Transfer memory — Inputs	No Yes Yes No 244 byte
— S7 communication, as client — S7 communication, as server — Direct data exchange (slave-to-slave communication) — DPV1 Transfer memory — Inputs — Outputs Protocols PROFIsafe	No Yes Yes No 244 byte
	No Yes Yes No 244 byte 244 byte
— S7 communication, as client — S7 communication, as server — Direct data exchange (slave-to-slave communication) — DPV1 Transfer memory — Inputs — Outputs Protocols PROFIsafe	No Yes Yes No 244 byte 244 byte

Clabal data companies tier		
Global data communication	AV.	
• supported	Yes	
Number of GD loops, max.	8	
Number of GD packets, max.	8	
Number of GD packets, transmitter, max.	8	
 Number of GD packets, receiver, max. 	8	
 Size of GD packets, max. 	22 byte	
Size of GD packet (of which consistent), max.	22 byte	
S7 basic communication		
supported	Yes	
 User data per job, max. 	76 byte	
 User data per job (of which consistent), max. 	76 byte; 76 bytes (with X_SEND or X_RCV); 64 bytes (with X_PUT or X_GET as server)	
S7 communication	ac convery	
• supported	Yes	
• as server	Yes	
as client	Yes; Via CP and loadable FB	
User data per job, max.	180 kbyte; With PUT/GET	
User data per job (of which consistent), max. User data per job (of which consistent), max.	240 byte; as server	
S5 compatible communication	2-10 Jy.C., 00 301 VCI	
supported	Yes; via CP and loadable FC	
• Supported Number of connections	1 Co, via OF allu loauable i C	
overall	12	
overall usable for PG communication	12	
— reserved for PG communication	1	
— adjustable for PG communication, min.	1	
— adjustable for PG communication, max.	11	
usable for OP communication	11	
— reserved for OP communication	1	
adjustable for OP communication, min.	1	
 adjustable for OP communication, max. 	11	
 usable for S7 basic communication 	8	
 reserved for S7 basic communication 	0	
 adjustable for S7 basic communication, min. 	0	
 adjustable for S7 basic communication, max. 	8	
usable for routing	4; max.	
S7 message functions		
Number of login stations for message functions, max.	12; Depending on the configured connections for PG/OP and S7 basic communication	
Process diagnostic messages	Yes	
simultaneously active Alarm_S blocks, max.	300	
Test commissioning functions		
Status block	Yes; Up to 2 simultaneously	
Single step	Yes	
Number of breakpoints	4	
Status/control		
Status/control variable	Yes	
 Variables 	Inputs, outputs, memory bits, DB, times, counters	
Number of variables, max.	30	
— of which status variables, max.	30	
of which control variables, max.	14	
Forcing		
• Forcing	Yes	
Forcing, variables	Inputs, outputs	
Number of variables, max.	10	
Diagnostic buffer		
	Yes	
present Number of optrios, may		
Number of entries, max.	500 No.	
— adjustable	No	
— of which powerfail-proof	100; Only the last 100 entries are retained	
 Number of entries readable in RUN, max. 	499	

م امام مثان بالم	Van Franc 10 to 100
— adjustable	Yes; From 10 to 499
— preset	10
Service data	Voc
• can be read out	Yes
Interrupts/diagnostics/status information	
Diagnostics indication LED	Voc
Status indicator digital input (green)	Yes
Status indicator digital output (green)	Yes
Integrated Functions	
Counter	4. One WT-should rived Franchiscown and
Number of counters	4; See "Technological Functions" manual
Counting frequency, max.	60 kHz
Frequency measurement	Yes
Number of frequency meters	4; up to 60 kHz (see "Technological Functions" manual)
controlled positioning	Yes DID controller (acc "Technological Functions" manual)
integrated function blocks (closed-loop control)	Yes; PID controller (see "Technological Functions" manual)
PID controller	Yes
Number of pulse outputs	4; Pulse width modulation up to 2.5 kHz (see "Technological Functions" Manual)
Limit frequency (pulse)	2.5 kHz
Potential separation	
Potential separation digital inputs	
Potential separation digital inputs	Yes
between the channels	No
 between the channels and backplane bus 	Yes
Potential separation digital outputs	
Potential separation digital outputs	Yes
 between the channels 	Yes
 between the channels, in groups of 	8
between the channels and backplane bus	Yes
Potential separation analog inputs	
Potential separation analog inputs	Yes; common for analog I/O
 between the channels 	No
 between the channels and backplane bus 	Yes
Potential separation analog outputs	
Potential separation analog outputs	Yes; common for analog I/O
 between the channels 	No
 between the channels and backplane bus 	Yes
Isolation	
Isolation tested with	600 V DC
Ambient conditions	
Ambient temperature during operation	
• min.	0°C
• max.	60 °C
configuration / header	
Configuration software	
• STEP 7	Yes; STEP 7 V5.5 + SP1 or higher or STEP 7 V5.3 + SP2 or higher with HSP
	203
STEP 7 Lite	No
configuration / programming / header	
Command set	see instruction list
Nesting levels	8
System functions (SFC)	see instruction list
System function blocks (SFB)	see instruction list
Programming language	
— LAD	Yes
— FBD	Yes
— STL	Yes
— SCL	Yes
— CFC	Yes
— GRAPH	Yes

— HiGraph®	Yes	
Know-how protection		
 User program protection/password protection 	Yes	
 Block encryption 	Yes; With S7 block Privacy	
Dimensions		
Width	120 mm	
Height	125 mm	
Depth	130 mm	
Weights		
Weight, approx.	680 g	
Classifications		

	Version	Classification
eClass	14	27-24-22-07
eClass	12	27-24-22-07
eClass	9.1	27-24-22-07
eClass	9	27-24-22-07
eClass	8	27-24-22-07
eClass	7.1	27-24-22-07
eClass	6	27-24-22-07
ETIM	9	EC000236
ETIM	8	EC000236
ETIM	7	EC000236
IDEA	4	3565
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval

Manufacturer Declara-<u>tion</u>







Metrological Approval



EMV

For use in hazardous locations













For use in hazardous locations

Marine / Shipping

Miscellaneous

CCC-Ex









Marine / Shipping

Industrial Communication





CCS (China Classification Society)



Profibus

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