

# Seznam zkratek

AGA	<i>American Gas Association</i>
AI	<i>Analog Input</i>
ANSI	<i>American National Standards Institute</i>
ASME	<i>American Society of Mechanical Engineers</i>
ATEX	<i>Atmosphères Explosibles</i>
AVDF	<i>Advanced Vortex Frequency Detection</i>
BCRF	<i>Binary-illumination Coded Range Finder</i>
BPCS	<i>Basic Process Control System</i>
BSR	<i>Buzz, Squeak and Rattle</i>
CIP	<i>Clean-in-Place</i>
CIP	<i>Common Industrial Protocol</i>
CSA/US	<i>Canadian Standards Association/United States</i>
DCS	<i>Decentralized Control System</i>
DCS	<i>Distributed Control System</i>
DDE	<i>Dynamic Data Exchange</i>
DI	<i>Digital Input</i>
DO	<i>Digital Output</i>
EN	<i>European Norm</i>
EPG	<i>Ethernet Powerlink Standardization Group</i>
ESD	<i>Emergency Shutdown</i>
ETSI	<i>European Telecommunications Standards Institute</i>
FACTS	<i>Flexible Alternate Current Transmission Systems</i>
FPGA	<i>Field Programmable Gate Array</i>
FTIR	<i>Fourier Transform Infrared</i>
GD&T	<i>Geometric Dimensioning and Tolerancing</i>
GPRS	<i>General Packet Radio Service</i>
HART	<i>Highway Addressable Remote Transducer</i>
HIL	<i>Hardware-In-the-Loop</i>
HMI	<i>Human Machine Interface</i>
I/O	<i>Input/Output</i>
I/P	<i>Ingress Protection</i>
ICSS	<i>Integrated Control and Safety System</i>
IEC	<i>International Electrotechnical Commission</i>
IECEX	<i>International Electrotechnical Commission – Explosive atmospheres</i>
IEEE	<i>Institute of Electrical and Electronics Engineers, Inc.</i>
IIoT	<i>Industrial Internet of Things</i>
Inmetro	<i>Instituto Nacional de Metrologia, Qualidade e Tecnologia</i>
IPL	<i>Independent Protection Layer</i>
IPv6	<i>Internet Protocol version 6</i>

ISA	<i>International Society of Automation</i>
ISM	<i>Industrial, Scientific, Medical</i>
LDS	<i>Laser Diode Spectrometer</i>
LMC	<i>Logic Motion Controller</i>
MEMS	<i>Microelectromechanical System</i>
MID	<i>Measuring Instruments Directive</i>
NAMUR	<i>Normenarbeitsgemeinschaft für Mess- und Regeltechnik in der chemischen Industrie</i>
NE	<i>NAMUR-Empfehlung</i>
NEPSI	<i>National supervision and inspection centre for Explosion Protection and Safety of Instrumentation</i>
NIR	<i>Near Infrared Radiation</i>
NVH	<i>Noise, Vibration, Harshness</i>
OLE	<i>Object Linking and Embedding</i>
OPC	<i>OLE for Process Control</i>
OSI	<i>Open System Interconnection</i>
P&ID	<i>Piping and Instrumentation Diagram</i>
PAS	<i>Process Automation System</i>
PC	<i>Personal Computer</i>
PCB	<i>Printed Circuit Board</i>
PCI	<i>Peripheral Component Interconnect</i>
PID	proporcionální, integrační, derivační
PLC	<i>Power Line Communication</i>
PLC	<i>Programmable Logic Controller</i>
SCADA	<i>Supervisory Control and Data Acquisition</i>
SCR	<i>Selective Catalytic Reduction</i>
SD	<i>Secure Digital</i>
SFF	<i>Safe Failure Fraction</i>
SGERG	<i>Standard de Groupe Européen de Recherches Gazières</i>
SIL	<i>Safety Integrity Level</i>
SIS	<i>Safety Instrumented System</i>
SNCR	<i>Selective Non-Catalytic Reduction</i>
TCP	<i>Transmission Control Protocol</i>
THD	<i>Total Harmonic Distortion</i>
TISS	<i>Technical Information Support and Service</i>
UMTS	<i>Universal Mobile Telecommunication System</i>
USB	<i>Universal Serial Bus</i>
UTP	<i>Unshielded Twisted Pair</i>
VVER	vodo-vodní energetický reaktor; vodo-vodjanoj energetičeskij reaktor