



ethernet-apl™
advanced physical layer

@ **ACHEMA 2024**



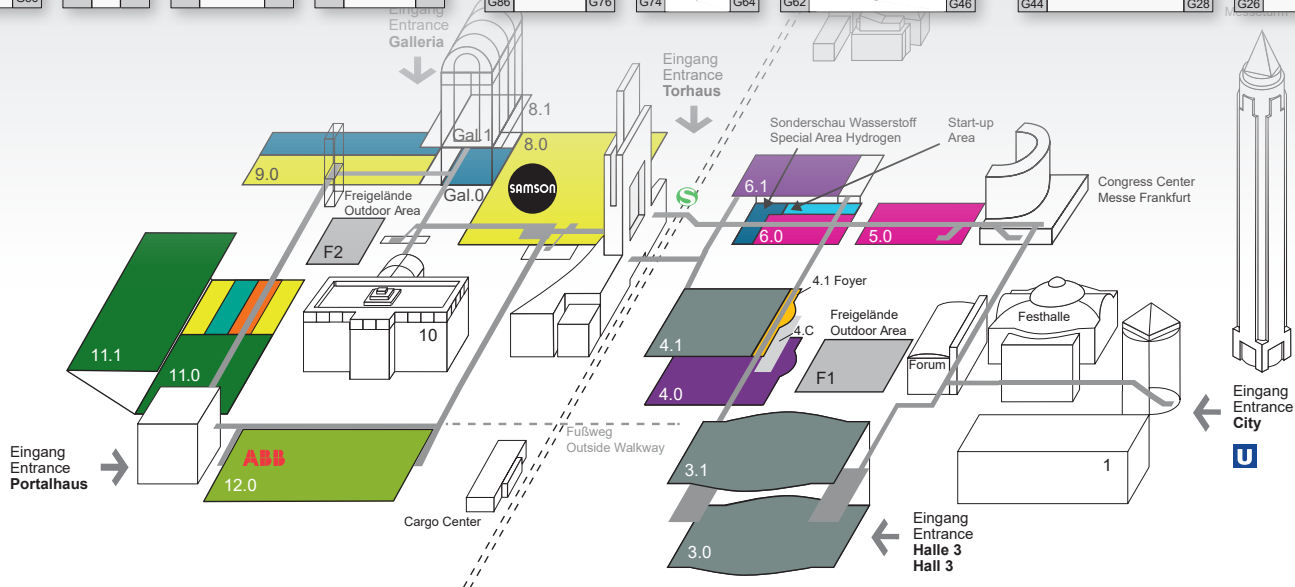
ethernet-apl™
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Hall 11.0

A49	A43	A41	A35	A33	A27	A25	A15	A13	ODVA	A3
C50	C44	C42	C36	C34	C28	C26	C16	C14	PIU	C4
C49	C43	C41	C35	C33	C27	C25	C15	C13	softing	C3
E50	E44	E42	E36	E34	E28	SIEMENS			CPC	E3
E49	E43	E41	E27	E27	SIEMENS			E3		
G50	G44	G42	G36	BECKHOFF						

Hall 11.1

A85	A75	A73	A63	A61	KROHNE	A45	A43	PEPPERL+FUCHS	A31	A25	A15	A13	A3		
B86	B76	B74	B64				B26	B16	B14	B4	B25	B15	B13	B3	
B85	B75	B73	B63				C26	C16	C14	C4	C26	C16	C14	C4	
C86	C76	C74	C64	C62											
C85	C75	C73	C63	C61	C53	C51	STAH								
E86	E76	E74	E64	E62	ABB	E54	E52	E46	Endress+Hauser			E26	E16	E14	E4
E85	E75	E73	E63	E61											
F86	F76	F74	F64	F62											
F85	F75	F73	F63	F61											
G86	G76	G74	G64	G62											



EXHIBITS GUIDE ACHEMA 2024

ETHERNET-APL OWNERS

ETHERNET-APL INDUSTRY PARTNERS



FIELD COMM GROUP™
Connecting the World of
Process Automation

FieldComm Group

FieldComm Group is a global standards-based non-profit member organization with a mission of development, incorporation and implementation of communication technologies for the process industries. Membership is open to anyone interested in the use of the technologies.

HALL 11.0, C14



ODVA

ODVA is a standards development organization with members from the world's leading automation suppliers. EtherNet/IP is one of the key industrial Ethernet communication networks that run on Ethernet-APL. ODVA offers EtherNet/IP and Ethernet-APL conformance testing.

HALL 11.0, A3



OPC Foundation

The OPC Foundation is the home of secure industrial Interoperability, scaling from sensor to IT/cloud. The community with members from world leading automation and IT companies work on the modeling language including secure transport of domain-standardized information.

HALL 11.0, C3



Profibus International

PROFIBUS & PROFINET International (PI) is the world's leading industry association, the active community for the standardization and dissemination of industrial communication and information technologies, a core topic of digitalization, automation and Industry 4.0.

HALL 11.0, C4



ABB is a technology leader in electrification and automation, enabling a more sustainable and resource-efficient future. Building on over 140 years of excellence, ABB's more than 105,000 employees are committed to driving innovations that accelerate industrial transformation.

HALL 11.0, C3
HALL 11.1, E62
HALL 12, A33



Beckhoff integrates the Ethernet-APL technology into its modular terminal portfolio. The compact ELX6233, for connecting two Ethernet-APL field devices, can thus be flexibly mounted in the control cabinet in combination with other EtherCAT Terminals.

HALL 11.0
E27, C3, C4, C14



Visit the Emerson booth to experience Ethernet-APL communication using DeltaV DCS, AMS Device Manager, and field instrumentation. Talk with our experts, see available technology, and preview new products designed to simplify Ethernet-APL implementation.

HALL 11.1, C3



Endress+Hauser is a global leader in measurement instrumentation, services, and solutions in process automation. We provide the largest portfolio of field instruments with Ethernet-APL and bring Ethernet to the field to optimize your processes.

HALL 11.1, C27
HALL 11.0, A3, C4



The KROHNE Group is a global manufacturer and provider of process instrumentation, measurement solutions and services in many industries. KROHNE is one of the founding members of the Ethernet-APL consortium and will introduce Ethernet-APL products soon.

HALL 11.1, A61



As one of the leading companies in the automation industry, Pepperl+Fuchs prepares its customers intensively for future Industry 4.0 tasks with future-proof, practical innovations.

HALL 11.1, A43



Based on our network infrastructure and process automation expertise, Phoenix Contact's new Ethernet-APL Field Switch offers customers yet another inspiring innovation to connect APL Field Devices to EtherNet/IP and PROFINET networks, and ultimately, the cloud.

HALL 11.1, A31
HALL 11.0, A3, C4



ProComSol offers a HART to APL development PCB, an Ethernet-APL switch, and a HART-APL adapter for HART transmitters in the field. The ProComSol DevCom family of HART Communicator Apps supports HART-IP to configure instruments over Ethernet-APL.

HALL 11.0, C14



R.STAHL Field Switches 9740 support the operation of APL field devices and can be installed in Zone 1 and 2. Integrated diagnostics and a local display provide extensive support for commissioning and network troubleshooting.

HALL 11.1, C45
HALL 11.0, C4



Rockwell Automation is dedicated to industrial automation and information and delivers automation and control through their control systems, motor control and smart devices portfolios.

HALL 11.0, A3



SAMSON is a leading global supplier of valves, actuators and intelligent flow control systems. Its focus markets include chemicals and petrochemicals, pharmaceuticals, energy and energy distribution as well as applications for hydrogen and industrial gases.

HALL 11.0, C43
HALL 8, C74



Siemens AG is a leading technology company focused on industry, infrastructure, transport, and healthcare.

HALL 11.0
C3, C14, C43, E3



Softing's commModule APL helps vendors to provide certified Ethernet-APL devices in the shortest possible time to market. Our field-installable APL Switch allows APL devices to be connected down to Ex Zone 1 or 0.

HALL 11.0, C25



VEGA is a global manufacturer of sensors for measuring level, point level, pressure as well as devices and software for integrating them into process control systems.

HALL 11.1, C63



Yokogawa Coriolis Mass Flow and Density meters Rotamass TI provides latest state-of-the-art technology with PROFINET protocol over Ethernet-APL interface to facilitate total insight into industrial processes.

HALL 11.0, C14

