ASSA ABLOY
Signo Readers

Models: 20, 20K, 40, 40K variants
Seos® and standard profile Signo readers

ASSA ABLOY
Opening Solutions

Experience a safer
and more open world

Secure contactless readers with a slimline design and a choice of mounts

Works with
Incedo™
Business

Why choose ASSA ABLOY Signo?

- Compatible with more than 15 credential technologies, including Incedo Business mobile keys and ASSA ABLOY PULSE keys
- Futureproof security with inbuilt OSDP and totally remote management
- Contemporary, robust (IP65) design with inbuilt intelligent energy saving technology
- Cost-efficient upgrading, because both online or offline Signo readers work with most existing credentials existing credentials*

* For certain credentials, only the 125Khz Standard profile version will work

Upgrade door and identity security without compatibility worries, because every ASSA ABLOY Signo Reader is designed for maximum security, interoperability and convenience.

For added versatility, Signo accepts a wide range of credential technologies — including Seos®, iCLASS, MIFARE®, Incedo Business mobile keys and ASSA ABLOY PULSE keys - as well as popular legacy credentials and proximity technologies. Your current and future credential support needs are covered.

Signo readers are connected by design: They work out-the-box with mobile credential technologies including native Bluetooth and Near Field Communication (NFC). Migration from Wiegand to OSDP is simple, as is integration with an Incedo™ access control system.

A choice of individual Signo models provides the flexibility you need to pick the right reader for every job. You can customize a Signo reader rollout to meet the exact needs of every door and opening at your site.

- **ASSA ABLOY Signo Reader 20**
  Mobile ready, slimline design with mullion mount
- **ASSA ABLOY Signo Keypad Reader 20K**
  Mobile ready, slimline design with capacitive keypad for multi-factor authentication
- **ASSA ABLOY Signo Reader 40**
  Mobile-ready, contemporary design with wall switch mount
- **ASSA ABLOY Signo Keypad Reader 40K**
  Mobile-ready, contemporary design with capacitive keypad for multi-factor authentication

SIGNO READERS
Specifications

Reader Series		Signo Readers
General Information	Image	
	Purpose	Highly versatile platform designed to provide unmatched breadth of support for a wide range of verticals, including access control systems of the past, present and future
	Base Model & Form Factors	20 - mullion 20K - mullion keypad 40 - wall switch 40K - wall switch keypad See full list of product codes on next page
	Security Rating - Secure Element Hardware	EAL 5+*
Credential Technology Supported	**2.4 GHz Credential Compatibility**	Yes - Integrated Supports ASSA ABLOY Mobile Access
	13.56 MHz Credential Compatibility	Yes - Incedo credentials, both online and offline
	125 kHz Credential Compatibility	Yes – Available in all Standard Profile ASSA ABLOY Signo Readers Support for: HID Proximity, Indala Proximity, EM4102 Proximity, AWID
Device Characteristics	**Mounting**	Mullion, single or double-gang switch box (EU)
	Connector Type	Pigtail Cable - 0.5 m Terminal Block - flush mount**
	Color	Black Bezel / Silver Trim Black Trim available as an accessory
	Keypad	Mullion - 2 x 6 capacitive Wallswitch - 3 x 4 capacitive
	Material Housing	Polycarbonate – UL94 V0 rated 12 VDC
	Operating Voltage Range	12 VDC
	Operating Temperature Range	-35° C to +66° C 0% to 95% non-condensing
	Current Draw (Max)	250 mA
	Device Input & Output	Input: Tri-color LED, Buzzer, Hold Output: Tamper Relay
	Operating Temperature Range	-35° C to +66° C 0% to 95% non-condensing
	Storage Temperature Range	-40° C to +85° C
Device Features	**Device Management**	HID Reader Manager, OSDP configuration

* Evaluation pending

** Available on special order

Device Characteristics	Environmental Rating	UL294 Outdoor and Indoor rated
	Ingress Protection	IP65
	Controller Communications	OSDP or Wiegand, both integrated into base hardware
Device Features	Intelligent Power Mode	Yes
	Velocity Attack Detection	Yes
	Metal Environment Optimisation	Yes- surface detection feature automatically calibrates read range
Certifications and Terms	Certifications	CE (EU)
	Warranty	Limited Lifetime

Product code and model information for ordering ASSA ABLOY Signo Readers:

ASSA ABLOY Signo Reader 20

- **RDR-2PSO**
  Signo 20 Seos Profile - OSDP
- **RDR-2PSW**
  Signo 20 Seos Profile - Wiegand
- **RDR-2PLO**
  Signo 20 Standard Profile - OSDP
- **RDR-2PLW**
  Signo 20 Standard Profile - Wiegand

ASSA ABLOY Signo Keypad Reader 20K

- **RDR-2NSO**
  Signo 20K Seos Profile - OSDP
- **RDR-2NSW**
  Signo 20K Seos Profile - Wiegand
- **RDR-2NLO**
  Signo 20K Standard Profile - OSDP
- **RDR-2NLW**
  Signo 20K Standard Profile - Wiegand

ASSA ABLOY Signo Reader 40

- **RDR-4PSO**
  Signo 40 Seos Profile - OSDP
- **RDR-4PSW**
  Signo 40 Seos Profile - Wiegand
- **RDR-4PLO**
  Signo 40 Standard Profile - OSDP
- **RDR-4PLW**
  Signo 40 Standard Profile - Wiegand

ASSA ABLOY Signo Keypad Reader 40K

- **RDR-4NSO**
  Signo 40K Seos Profile - OSDP
- **RDR-4NSW**
  Signo 40K Seos Profile - Wiegand
- **RDR-4NLO**
  Signo 40K Standard Profile - OSDP
- **RDR-4NLW**
  Signo 40K Standard Profile - Wiegand

The ASSA ABLOY Group is the global leader
in access solutions. Every day, we help billions
of people experience a more open world.

ASSA ABLOY Opening Solutions leads
the development within door openings
and products for access solutions in
homes, businesses and institutions. Our offering
includes doors, door and window hardware, locks,
access control and service.

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